

**UNITED STATES DISTRICT COURT  
FOR THE NORTHERN DISTRICT OF OHIO  
EASTERN DIVISION**

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IN RE NATIONAL PRESCRIPTION  
OPIATE LITIGATION

MDL No. 2804

This document relates to:

*The County of Summit, Ohio, et al. v. Purdue  
Pharma L.P., et al.*  
Case No. 18-op-45090

Case No. 17-md-2804  
Hon. Dan Aaron Polster

*The County of Cuyahoga, Ohio, et al. v. Purdue  
Pharma L.P., et al.*  
Case No. 17-op-45004

**EXPERT REPORT OF PRADEEP K. CHINTAGUNTA, PH.D.**

May 10, 2019

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## I. Qualifications

1. I am the Joseph T. and Bernice S. Lewis Distinguished Service Professor of Marketing at the Graduate School of Business at the University of Chicago. Prior to joining the University of Chicago, I was an Associate Professor (with tenure) at the S.C. Johnson Graduate School of Management at Cornell University. I also have held the position of Thomas Carroll Ford Foundation Visiting Professor of Marketing at the Harvard Business School between September and December 2002 and was a distinguished visiting scholar at Stanford University in 2012.
2. At the University of Chicago, I teach courses on marketing strategy and marketing management to MBA and Executive MBA students. I also teach courses on marketing models to Ph.D. students at the University of Chicago and have previously done so at Cornell University.
3. I obtained my Ph.D. from the Kellogg Graduate School of Management at Northwestern University in 1990. My Ph.D. dissertation was titled “Issues in Panel Data Analysis” in which I studied issues relating to consumer purchase behavior and differences in behavior across consumers. I also hold a Post Graduate Diploma in Management from the Indian Institute of Management in Ahmedabad and a Bachelor of Technology degree from the Indian Institute of Technology, Banaras Hindu University, India.
4. I have published over 100 peer-reviewed academic articles over the course of my career to date. My articles have been published in the top journals in marketing including *Marketing Science*, *Management Science*, *Journal of Marketing Research*, *Journal of Marketing*, and *Quantitative Marketing & Economics*. I also have published in journals focused on econometrics and statistics such as the *Journal of Econometrics* and the *Journal of the American Statistical Association*. A copy of my curriculum vitae is included as **Appendix A** to this report. A list of my prior testimony for the past four years is included as **Appendix B** to this report.
5. Over the years, my research has investigated how prescription choice is impacted by factors such as marketing activities, patient satisfaction, academic research, and FDA regulations. For example, one of my studies examined the differences in how physicians respond to detailing and how patient satisfaction and feedback could influence subsequent

prescribing behavior of physicians. I have also investigated how physicians' relative preference across medicines is sensitive to news reports, academic articles, and FDA updates.

6. I currently bill for my services at \$850 per hour. Staff at Cornerstone Research, a consultancy, worked under my direction and helped me prepare my report. I receive compensation from Cornerstone Research based on its collected staff billings for its support of me in this matter. Neither my compensation for my work on this matter nor my compensation from Cornerstone Research is contingent upon the outcome of this litigation or on the content of the opinions that I offer in this matter.

## II. Assignment

7. I have been retained by counsel for Teva Pharmaceuticals USA, Inc. ("Teva USA"), Cephalon, Inc. ("Cephalon"), Actavis Pharma, Inc. ("Actavis Pharma"), Actavis LLC ("Actavis LLC"), Watson Laboratories, Inc. ("Watson"), Anda, Inc. ("Anda"), and their affiliates<sup>1</sup> to review and respond to opinions related to pharmaceutical marketing in the Plaintiffs' expert reports.<sup>2</sup> In particular, I have been asked to: (i) evaluate the nature and extent of marketing of at-issue opioid products by the Teva and Actavis Generic Defendants and analyze the extent to which marketing and other factors influence physicians' prescribing decisions; (ii) assess the validity of Dr. Rosenthal's econometric analyses regarding the impact of the manufacturer Defendants' promotion on opioid sales;<sup>3</sup> and (iii) evaluate the extent to which academic publications are sponsored by the Teva Defendants and their influence relative to other academic publications.<sup>4</sup>

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<sup>1</sup> Teva USA and Cephalon are referred to as the "Teva Defendants." Actavis Pharma, Actavis LLC, Watson, Warner Chilcott Company, LLC, Actavis South Atlantic LLC, Actavis Elizabeth LLC, Actavis Mid Atlantic LLC, Actavis Totowa LLC, Actavis Kadian LLC, Actavis Laboratories UT, Inc. f/k/a Watson Laboratories, Inc.-Salt Lake City, and Actavis Laboratories FL, Inc., f/k/a Watson Laboratories, Inc.-Florida are referred to as the "Actavis Generic Defendants." In addition, I understand that Teva Pharmaceutical Industries, Ltd. ("Teva Ltd.") has been named as a defendant in this case based upon the conduct of the Teva and Actavis Generic Defendants, but contests personal jurisdiction. The opinions stated herein as to the Teva and Actavis Generic Defendants also apply to Teva Ltd.

<sup>2</sup> I understand that Anda is a "Distributor Defendant" and is not alleged to have engaged in any of the marketing conduct that is the subject of Dr. Rosenthal's expert report (or others). To the extent Dr. Rosenthal were to offer any marketing-related opinions as to Anda, they would be unfounded for the general reasons discussed herein.

<sup>3</sup> In the rest of my report, I use "opioid sales" and "opioid shipments" interchangeably to refer to the volume of opioid sold by manufacturers.

<sup>4</sup> In this matter, at-issue opioid medicines consist of the following branded opioid medicines: Actiq, Butrans, Dilaudid, Dilaudid HP, Duragesic, Exalgo, Fentora, Hysingla ER, Kadian, Methadose, MS Contin, Norco, Nucynta, Nucynta ER, Opana, Opana ER, OxyContin, Percocet, Percodan, Roxicodone, Subsys, Targiniq ER, and Xartemis XR, as well as the generic opioid medicines related to the following molecule names: buprenorphine, fentanyl,

8. I am providing my opinions on behalf of the Teva and Actavis Generic Defendants. I am also providing my general non-company-specific opinions on behalf of the Janssen Defendants and Anda.

9. I understand that other Plaintiffs' experts have provided opinions beyond the scope of pharmaceutical marketing in their reports. I have not been asked to opine on such issues in this matter.

10. As part of my assignment, I have reviewed academic literature, industry research, case depositions and disclosures, and other documents produced in this litigation. A complete list of the materials I have considered in forming my opinion is attached as **Appendix C**.

11. The opinions and analyses presented in this report are based on currently available information, and I reserve the right to supplement or amend this report if I receive additional information that warrants such a supplement or amendment.

### **III. Case Background and Allegations**

#### **A. Prescription Opioids Manufactured by the Teva Defendants**

12. Actiq is a fast-acting opioid analgesic formulated as an oral transmucosal fentanyl citrate (“OTFC”) lozenge for the management of breakthrough pain (“BTP”) in opioid-tolerant patients with cancer. In November 1998, Anesta Corporation (“Anesta”) received FDA approval for Actiq for treatment of breakthrough cancer pain for opioid-tolerant patients.<sup>5,6</sup> Shortly after, Abbott Laboratories, under an agreement with Anesta, launched Actiq in the

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hydrocodone, hydromorphone, methadone, morphine, naloxone, naltrexone, oxycodone, oxymorphone and tapentadol. The Teva and Actavis Generic Defendants' at-issue medicines include Actiq, Fentora, and all generic at-issue opioid medicines manufactured by the Teva and Actavis Generic Defendants. See, Second Amended Corrected Complaint and Demand for Jury Trial, *The County of Cuyahoga et al. v. Purdue Pharma L.P. et al*, May 18, 2018 (“Cuyahoga Complaint”), ¶¶ 37–80; and Third Amended Complaint and Jury Demand, *The County of Summit et al. v. Purdue Pharma L.P. et al*, March 21, 2019 (“Summit Complaint”), ¶¶ 42–100.

<sup>5</sup> Anesta received FDA approval for Actiq by expanding the indication of its fentanyl medicine Oralet. Oralet was a “premedication before surgery and painful procedures in children and adults . . . within a hospital or outpatient facility.” See, Theodore H. Stanley, “The Fentanyl Story,” *The Journal of Pain*, 15(12), 2014 (“Stanley (2014)”), pp. 1215–1226 at pp. 1221–1222; and Letter from Cynthia McCormick (FDA) to Patricia J. Richards (Anesta Corporation), Actiq Approval Letter, November 4, 1998 (“Actiq Approval Letter”).

<sup>6</sup> At the time of FDA approval, Actiq was indicated for “the management of breakthrough cancer pain in patients with malignancies who are already receiving and who are tolerant to opioid therapy for their underlying persistent cancer pain (emphasis in original).” Opioid-tolerant patients are “those who are taking at least 60 mg morphine/day, 50 µg transdermal fentanyl/hour, or an equianalgesic dose of another opioid for a week or longer.” See, FDA, Actiq Label, November 1998 (“Actiq Label (1998)”), p. 1.

U.S. in 1999.<sup>7</sup> Cephalon acquired Anesta in 2000 and obtained the product rights to Actiq, while Abbot Laboratories continued to manufacture Actiq for Cephalon in the U.S.<sup>8</sup> In 2001, Cephalon completed building its sales force and started marketing Actiq in the U.S.<sup>9</sup>

13. Since its approval, Actiq's indication has been revisited multiple times. The current indication was last updated in 2016 as follows:

“ACTIQ is an opioid agonist indicated for the management of breakthrough pain in cancer patients 16 years of age and older who are already receiving and who are tolerant to around-the-clock opioid therapy for their underlying persistent cancer pain . . . Patients must remain on around-the-clock opioids while taking ACTIQ.”<sup>10</sup>

14. In September of 2006, Cephalon and Barr Laboratories, Inc. (“Barr”) entered into a licensing agreement for the U.S. rights to the intellectual property required to manufacture and market a generic version of Actiq, also known as generic OTFC.<sup>11</sup> Barr launched generic OTFC on September 27, 2006, and Cephalon, utilizing Watson Pharmaceuticals, Inc. as its sales agent, launched its own version of generic OTFC on the same day.<sup>12, 13</sup>

15. Fentora is a fentanyl buccal tablet indicated for the management of BTP in opioid-tolerant patients with cancer. Fentora tablets are intended for buccal mucosal administration.<sup>14</sup> In 2006, Cephalon bought the “OraVescent drug delivery” technology, which produces “faster and higher blood levels of fentanyl.”<sup>15</sup> Cephalon then developed

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<sup>7</sup> Cephalon, Inc., SEC Form 10-K for period ended December 31, 2000, filed on March 30, 2001 (“Cephalon 2000 10-K”), p. 5; and Protext, “Anesta Corp. Licenses Actiq Rights to Elan / Novel Breakthrough Pain Therapy to Be Marketed by Elan Pharma International,” available at <http://www.protext.cz/novy/press-release.php?id=1344>, accessed on February 28, 2019.

<sup>8</sup> Cephalon 2000 10-K, p. 5.

<sup>9</sup> Abbott Laboratories relinquished its market rights to Actiq in March 2000. See, Cephalon 2000 10-K, p. 5.

<sup>10</sup> FDA, Actiq Label, December 2016 (“Actiq Label (2016)”), p. 1 (“Patients considered opioid tolerant are those who are taking, for one week or longer, around-the-clock medicine consisting of at least 60 mg of oral morphine per day, at least 25 mcg of transdermal fentanyl per hour, at least 30 mg of oral oxycodone per day, at least 8 mg of oral hydromorphone per day, at least 25 mg oral oxymorphone per day, at least 60 mg oral hydrocodone per day, or an equianalgesic dose of another opioid daily for a week or longer.”).

<sup>11</sup> Cephalon “agreed to sell to Barr generic OTFC for resale in the United States until the earlier of such time that Barr is able to gain FDA approval of its ANDA or September 2009.” See, Cephalon, Inc., SEC Form 10-K for period ended December 31, 2006, filed on February 28, 2007 (“Cephalon 2006 10-K”), p. 9.

<sup>12</sup> Cephalon 2006 10-K, p. 9.

<sup>13</sup> Note that Watson Pharmaceuticals, Inc. is distinct from Watson Laboratories. The former is a separate entity from Teva while the latter was acquired by Teva. See, Cephalon 2006 10-K, pp. 9, 44; and Teva Pharmaceutical Industries Limited, SEC Form 10-K for period ended December 31, 2017, filed on February 12, 2018 (“Teva 2017 10-K”), p. 155.

<sup>14</sup> FDA, Fentora Label, September 2006 (“Fentora Label (2006)”), pp. 1–2.

<sup>15</sup> Stanley (2014), p. 1222.

Fentora using this new medical delivery mechanism.<sup>16</sup> The FDA approved Fentora in September 2006.<sup>17</sup>

16. Similar to Actiq, Fentora was initially indicated for “the management of breakthrough pain in patients with cancer who are already receiving and who are tolerant to opioid therapy for their underlying persistent cancer pain (emphasis in original).”<sup>18</sup> Since its approval in 2006, the indication of Fentora has been updated to limit patients to those who are at least 18 years of age and take opioids around the clock.<sup>19</sup> The current indication reads as follows:

“FENTORA is an opioid agonist indicated for the management of breakthrough pain in cancer patients 18 years of age and older who are already receiving and who are tolerant to around-the-clock opioid therapy for their underlying persistent cancer pain . . . Patients must remain on around-the-clock opioids while taking FENTORA.”<sup>20</sup>

17. In 2011, the parent company of Teva USA acquired Cephalon, obtaining the rights to both Actiq and Fentora.<sup>21</sup> Actiq and Fentora are the only two at-issue branded opioid analgesics manufactured by the Teva Defendants.<sup>22</sup> On August 2, 2016, Teva USA became affiliated with Actavis Generics, Allergan plc’s (“Allergan”) generic pharmaceutical business.<sup>23, 24</sup> In addition to their branded opioids, the Teva and Actavis Generic Defendants also currently manufacture several Schedule II generic opioids, such as generic versions of OxyContin and Actiq.<sup>25</sup>

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<sup>16</sup> Stanley (2014), p. 1222.

<sup>17</sup> Letter from Bob Rappaport (FDA) to Carol S. Marchione (Cephalon), Fentora Approval Letter, September 25, 2006, pp. 1, 5; and Fentora Label (2006), p. 2.

<sup>18</sup> Fentora Label (2006), p.1. According to the label, opioid-tolerant patients are defined as “those who are taking at least 60 mg of oral morphine/day, at least 25 mcg of transdermal fentanyl/hour, at least 30 mg of oxycodone daily, at least 8 mg of oral hydromorphone daily or an equianalgesic dose of another opioid for a week or longer.”

<sup>19</sup> FDA, Fentora Label, December 2016 (“Fentora Label (2016”)), p. 1.

<sup>20</sup> Fentora Label (2016), p. 1.

<sup>21</sup> Jonathan D. Rockoff, “After Long Pursuit, Teva Wins Cephalon: Deal for \$6.8 Billion Prompts Valeant to Drop Hostile Bid,” *The Wall Street Journal*, May 3, 2011, available at <https://www.wsj.com/articles/SB10001424052748704436004576298832255321312>.

<sup>22</sup> Teva, “Full Product Catalog,” December 27, 2018 (“Teva Full Product Catalog”), available at <https://www.tevagenerics.com/products/product-search>, pp. 151, 154.

<sup>23</sup> Teva 2017 10-K, p. 98.

<sup>24</sup> “Actavis, Inc.” was the new global name adopted by Watson Pharmaceuticals, Inc. on January 24, 2013, following its acquisition of the Actavis Group in 2012. See, “Watson Pharmaceuticals, Inc. is Now Actavis, Inc.,” *PRNewswire*, January 24, 2013, available at <https://www.prnewswire.com/news-releases/watson-pharmaceuticals-inc-is-now-actavis-inc-188196701.html>. On March 17, 2015, Actavis announced that it had completed the Acquisition of Allergan, Inc., and adopted Allergan as its new global name. See, “Actavis Completes Allergan Acquisition,” *PRNewswire*, March 17, 2015, available at <https://www.prnewswire.com/news-releases/actavis-completes-allergan-acquisition-300051633.html>.

<sup>25</sup> Specifically, the Teva and Actavis Generic Defendants manufacture Schedule II opioids such as hydromorphone hydrochloride injection (generic of Dilaudid-HP Injection), morphine sulfate extended-release capsules

## B. Allegations

18. Plaintiffs allege that the manufacturer Defendants employed a number of “marketing techniques . . . to create a series of misperceptions in the medical community and ultimately reverse the long-settled understanding of the relative risks and benefits of opioids” between 1995 and May 2018 (“proposed period of allegations”).<sup>26</sup> Specifically, Plaintiffs claim that the manufacturer Defendants engaged in unlawful marketing practices towards patients and physicians by disseminating “deceptive information about opioids [through] (1) ‘Front Groups’ with the appearance of independence from the Marketing Defendants; (2) KOLs [(“Key Opinion Leaders”)], that is, doctors who were paid by the Marketing Defendants to promote their pro-opioid message; (3) CME [(“Continuing Medical Education”)] programs controlled and/or funded by the Marketing Defendants; (4) branded advertising; (5) unbranded advertising; (6) publications; (7) direct, targeted communications with prescribers by sales representatives or ‘detailers’; and (8) speakers bureaus and programs.”<sup>27</sup> In addition, Plaintiffs allege that the Teva Defendants marketed Actiq and Fentora for off-label uses.<sup>28</sup>

19. Plaintiffs’ expert Dr. Rosenthal contends that “the combined effect of the Defendant manufacturers’ promotion of prescription opioids since 1995 was a substantial contributing factor to the increase in the use of prescription opioids in the Bellwether communities.”<sup>29</sup> Using two alternative econometric methods, she attempts to quantify the impact of the alleged misconduct by the manufacturer Defendants on sales of prescription opioids. She concludes, “approximately 45-67% of MMEs [(“milligrams of morphine equivalents”)] during the period of [her] analysis [were] caused by unlawful promotion.”<sup>30</sup> In addition, Dr. Rosenthal claims that the manufacturer Defendants employed diverse branded and unbranded marketing tools

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(bioequivalent to Avinza Extended-Release Capsules), morphine sulfate extended-release capsules (authorized generic of Kadian Extended-Release Capsules), morphine sulfate extended-release tablets (generic of MS Contin Extended-Release Tablets), oxycodone hydrochloride extended-release tablets (generic of OxyContin), and OTFC lozenges (authorized generic of Actiq). See, Teva Full Product Catalog.

<sup>26</sup> Cuyahoga Complaint, ¶ 143; and Summit Complaint, ¶ 174.

<sup>27</sup> Cuyahoga Complaint, ¶¶ 319–320; and Summit Complaint, ¶¶ 345–346.

<sup>28</sup> Cuyahoga Complaint, ¶¶ 819–823; and Summit Complaint, ¶¶ 787–791.

<sup>29</sup> Expert Report of Dr. Meredith Rosenthal, March 25, 2019 (“Rosenthal Report”), ¶ 11.

<sup>30</sup> Rosenthal Report, ¶ 11.

(such as detailing, funding of research, lobbying groups, and interest groups) to affect opioid sales and that the manufacturer Defendants recognized the effectiveness of their promotion.<sup>31</sup>

20. I understand other Plaintiffs' experts also assert that the manufacturer Defendants' marketing efforts were deceptive and unlawful and have led to an unsafe level of opioid prescriptions in the Bellwether Counties.<sup>32</sup>

#### **IV. Summary of Opinions**

21. Plaintiffs' experts claim that the manufacturer Defendants' alleged unlawful marketing practices led to an increase in opioid prescriptions and ultimately to an increase in opioid abuse in the Bellwether Counties and the U.S. Plaintiffs' experts fail to establish that the Teva or Actavis Generic Defendants' alleged false and misleading marketing practices *caused* the increase in opioid sales in the Bellwether Counties and the U.S. during the proposed period of allegations.

22. Dr. Rosenthal's quantitative analyses cannot be used to assess the extent to which the manufacturer Defendants' alleged unlawful marketing practices led to an increase in opioid prescriptions, much less to assess the extent to which the alleged conduct by the Teva and Actavis Generic Defendants increased the sales of opioid products. My conclusions are based on the following reasons.

23. First, Plaintiffs' experts fail to recognize that the Teva and Actavis Generic Defendants' promotional activities for prescription opioids were extremely limited. With respect to their branded opioids, the Teva Defendants used common tools to promote Actiq and Fentora. In addition, the Teva Defendants' marketing-to-sales ratios for these medicines have been less than those of the pharmaceutical industry across the U.S. With respect to their generic opioids, I find that the Teva and Actavis Generic Defendants did not promote the safety or efficacy of their generic medicines, and the marketing spending of their generic medicines is minimal. This is consistent with the well-known fact that manufacturers rarely, if at all, promote generic medicines.

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<sup>31</sup> Rosenthal Report, ¶¶ 39–48.

<sup>32</sup> See, for example, Expert Report of Dr. Matthew Perri III, March 25, 2019 (“Perri Report”), pp. 8–9; and Expert Report of Dr. Mark A. Schumacher, March 25, 2019, ¶¶ 9, 43–50. Cuyahoga County and Summit County are referred to as “Bellwether Counties”.

24. Second, Plaintiffs' experts fail to quantify the extent to which the Teva Defendants' marketing messages were *false and misleading*. In particular, Dr. Rosenthal incorrectly assumes that *all* promotion by the manufacturer Defendants was unlawful, and that the Teva Defendants would not promote Actiq or Fentora at all absent the alleged unlawful promotion, i.e., in the but-for world. However, it is common for pharmaceutical manufacturers to promote the products they sell. The Teva Defendants' marketing messages contain information that educates the prescribers about the risks and indications of their opioid products. Dr. Rosenthal's assumption of no promotion by any of the manufacturer Defendants in the but-for world leads to inflated estimates of excess opioid shipments.

25. Third, Dr. Rosenthal's attempt to quantify the effect of combined promotions across manufacturers on the combined sales of opioid medicines suffers from important limitations, and her methodology does not allow her to estimate the impact of each individual manufacturer Defendant's marketing efforts on opioid sales. This is because Dr. Rosenthal's so-called aggregate approach ignores (i) the fact that effectiveness of marketing varies across manufacturers and medicines; (ii) there is competition between manufacturers through marketing and pricing; (iii) the life-cycle of opioid medicines varies by manufacturer and by medicine; (iv) manufacturers generally do not promote generic medicines. Moreover, Dr. Rosenthal's estimates are incorrect because her analysis omits important variables and fails to account for the well-known econometric problem of endogeneity.

26. Fourth, Plaintiffs' experts fail to recognize the fact that marketing efforts by the Teva and Actavis Generic Defendants would not have influenced all physicians' prescribing decisions to the same extent. Academic research shows that physicians discount the promotional information disseminated by pharmaceutical companies. Moreover, some Ohio physicians may have not been subject to any promotional efforts by the Teva and Actavis Generic Defendants, and, in any case, physicians were aware of the risks associated with opioids. To the extent physicians prescribed opioids despite these factors, the alleged false and misleading marketing practices by the Teva and Actavis Generic Defendants could not have resulted in those prescriptions and any resulting opioid abuse.

27. Fifth, Dr. Rosenthal fails to acknowledge that various other factors, such as (i) scientific evidence; (ii) health insurance coverage of prescription medicines; (iii) physician

characteristics as well as physician and patient experience; (iv) patient characteristics; and (v) medicine characteristics, also influence physicians' prescribing decisions. Therefore, Plaintiffs' experts cannot establish the contribution of the manufacturer Defendants' marketing activities, if any, to the increased prescriptions and sales of opioid medicines. Neither can Plaintiffs' experts establish the contribution of the Teva and Actavis Generic Defendants' marketing activities (much less false marketing activities), if any, to the increased prescriptions and sales of opioid medicines.

28. Sixth, Dr. Rosenthal's negative depreciation rate is both implausible and unsupported by the academic literature. A negative depreciation rate implies that past detailing contacts have a greater—and not a weaker—effect over time, which is illogical. The academic research in marketing, including in the pharmaceutical industry, uses positive depreciation rates. Therefore, Dr. Rosenthal's estimated impact of promotional efforts on the sales of opioid products based on such negative depreciation is also unreliable.

29. Seventh, Plaintiffs' experts fail to recognize that the academic publications sponsored by the Teva Defendants had limited impact, if any, on the information available to physicians. In particular, the Teva Defendants did not sponsor the majority of the academic publications on using opioids for treating pain, and the articles it did sponsor are less "influential" than those sponsored only by the U.S. government.

**V. Plaintiffs and Plaintiffs' Experts Fail to Acknowledge that the Teva and Actavis Generic Defendants' Levels of Promotional Activities for Prescription Opioids Were Limited and Less Than Typical Promotional Efforts in the Pharmaceutical Industry**

30. Plaintiffs and Plaintiffs' experts claim that the manufacturer Defendants' alleged false and misleading marketing practices have led to increased opioid prescriptions, opioid abuse, and damages, yet none of the Plaintiffs' experts has quantified the magnitude of the Teva Defendants' promotional activities during the proposed period of allegations, let alone the magnitude of their alleged false and misleading promotional activities. In this section, I show that the Teva Defendants' promotional efforts for their branded prescription opioids, Actiq and Fentora, were less than those undertaken in the pharmaceutical industry for all pharmaceutical medicines. I understand from Dr. Nicholson that the Teva Defendants had a

minuscule share of opioid sales in the Bellwether Counties.<sup>33</sup> I also show that the Teva and Actavis Generic Defendants incurred minimal marketing spending for their generic medicines and did not promote the safety and efficacy of their generic medicines to physicians.

#### A. Overview of the Teva Defendants' Promotional Efforts for Actiq and Fentora

31. According to Dr. Rosenthal's IQVIA data, promotional spending for Actiq began in February 1999. **Exhibit 1** shows that marketing spending for Actiq gradually increased from February 1999 through 2004, experienced slight declines in 2005 and 2006, followed by a substantial decline starting in 2007, the first full year in which generic versions of Actiq were available.<sup>34, 35, 36</sup> **Exhibit 2** shows that the promotional spending for Fentora began in September 2006 and fluctuated during the next several years at an average level similar to that of Actiq before the generic versions of Actiq became available. Starting in 2016, promotional spending for Fentora substantially declined.<sup>37, 38</sup>

32. Marketing spending for Actiq and Fentora by the Teva Defendants, as defined by Dr. Rosenthal, was low relative to spending by all manufacturers on prescription opioids during the proposed period of allegations.<sup>39</sup> **Exhibit 3A** shows that between February 1999 and May 2018, the Teva Defendants' marketing spending for Actiq and Fentora was on average 6 percent of the marketing spending for all of the branded and generic opioids in Dr. Rosenthal's IQVIA data. **Exhibit 3B** shows that a similar pattern holds for the Teva Defendants' number of detailing contacts for Actiq and Fentora. On average, the Teva

<sup>33</sup> Expert Report of Dr. Sean Nicholson, May 10, 2019, ¶¶ 42–43.

<sup>34</sup> Cephalon 2006 10-K, p. 9.

<sup>35</sup> The marketing spending for Actiq in **Exhibit 1** includes the promotional spending by "Abbott," "Anesta Corporation," "Cephalon Inc," and "Teva" as recorded in Dr. Rosenthal's IQVIA data. In 1999 and 2000, Actiq was primarily marketed by Abbott Laboratories in the U.S. under a license agreement with Anesta. See, Protext, "Anesta Corp. Licenses Actiq Rights to Elan / Novel Breakthrough Pain Therapy To Be Marketed by Elan Pharma International," available at <http://www.protext.cz/novy/press-release.php?id=1344>, accessed on February 28, 2019.

<sup>36</sup> It is my understanding from the Teva Defendants' internal documents that Cephalon "ceased all promotion and sales force activity associated with Actiq" as of September 25, 2006. "Actiq Risk Management Program: 31<sup>st</sup> Quarterly Report," March 29, 2007, TEVA\_MDL\_A\_00283237–264 at TEVA\_MDL\_A\_00283253.

<sup>37</sup> The marketing spending for Fentora in **Exhibit 2** includes the promotional spending by "Cephalon Inc," and "Teva" as recorded in Dr. Rosenthal's IQVIA data.

<sup>38</sup> John Hessler, the Teva Defendants' corporate representative and a Senior Vice President, testified that Fentora is no longer promoted by the Teva Defendants. Deposition of John Hessler, November 16, 2018 ("Hessler Deposition (November 2018)'), p. 42:5–10.

<sup>39</sup> The marketing spending in **Exhibit 3** includes the promotional spending by manufacturers Dr. Rosenthal classified as "Teva" in her Defendant classification. This includes promotional spending by "Anesta Corporation," "Cephalon Inc," and "Teva" as recorded in Dr. Rosenthal's IQVIA data.

Defendants accounted for only 5 percent of the total detailing contacts for the branded and generic opioids in Dr. Rosenthal's IQVIA data.

33. In addition to marketing activities recorded in Dr. Rosenthal's IQVIA data, I analyzed information on the general payments to healthcare providers (such as meals, travel, consultancy fees) using the Open Payments Data compiled and published by the Centers for Medicare & Medicaid Services.<sup>40</sup> These data are available starting August 2013 and are part of a "national transparency program that collects and publishes information about financial relationships between the health care industry (i.e. medicine and device companies) and providers."<sup>41</sup> According to these data, the payments made by the Teva Defendants, as defined by Dr. Rosenthal, to healthcare providers in relation to Actiq and Fentora in the U.S. are also limited.<sup>42</sup> Between August 2013 and December 2017, payments made in relation to Fentora accounted for only approximately 5 percent of the total payments made by all manufacturers producing the at-issue opioids in the U.S.<sup>43, 44</sup> The Teva Defendants did not pay healthcare providers in relation to Actiq during this period. When restricted to Ohio, the Teva Defendants spent \$92,231 on healthcare provider payments related to Fentora between August 2013 and December 2017, which accounts for 4 percent of total payments made by all manufacturers producing the at-issue opioids in Ohio.<sup>45</sup>

34. I also obtained data from the Teva Defendants on their general payments to healthcare providers for various items in connection with marketing and educational efforts, such as consulting fees, faculty compensation, fees for serving as speakers for educational programs,

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<sup>40</sup> Centers for Medicare & Medicaid Services, "About Open Payments Data," available at <https://openpaymentsdata.cms.gov/about>, accessed on February 14, 2019; and Open Payments, available at <https://www.cms.gov/OpenPayments/Explore-the-Data/Dataset-Downloads.html>, accessed on January 4, 2019 ("Open Payments Data").

<sup>41</sup> Centers for Medicare & Medicaid Services, "About Open Payments Data," available at <https://openpaymentsdata.cms.gov/about>, accessed on February 14, 2019.

<sup>42</sup> My analysis of payments made by the Teva Defendants in the Open Payments Data includes payments by manufacturers Dr. Rosenthal classified as "Teva" in her Defendant classification.

<sup>43</sup> Open Payments Data.

<sup>44</sup> Some manufacturers that are not at-issue in this case have the right to promote some at-issue opioid medicines. For example, Depomed, Inc. acquired the rights to Nucynta and Nucynta ER from Janssen Pharmaceuticals, Inc. in 2015 and have since manufactured and promoted these two medicines. See, "Depomed to Acquire U.S. Rights to NUCYNTA® (tapentadol), NUCYNTA® ER (tapentadol) Extended Release Tablets and NUCYNTA® (tapentadol) Oral Solution from Janssen Pharmaceuticals, Inc. for \$1.05 billion," *PRNewswire*, January 15, 2015, available at <https://www.prnewswire.com/news-releases/depomed-to-acquire-us-rights-to-nucynta-tapentadol-nucynta-er-tapentadol-extended-release-tablets-and-nucynta-tapentadol-oral-solution-from-janssen-pharmaceuticals-inc-for-105-billion-300021321.html>.

<sup>45</sup> Open Payments Data.

food and beverages, other honoraria, and travel and lodging. According to these data, between 2010 and 2017, healthcare provider payments made in relation to Fentora in Ohio were only \$273,198, which accounts for 4 percent of the Teva Defendants' payments made in relation to Fentora in the U.S. The Teva Defendants did not make such payments to healthcare providers for Actiq between 2010 and 2017 in the U.S. according to this dataset.<sup>46</sup>

**B. The Teva Defendants' Promotional Efforts for Actiq and Fentora Have Generally Been Less than the Industry Standards for Prescription Medicines**

35. The promotional tools that the Teva Defendants have used to market Actiq and Fentora are commonly used by firms across various pharmaceutical product categories. Further, the levels and trends in the Teva Defendants' marketing expenditures have generally been in line with those of the pharmaceutical industry for all prescription medicines.

36. During the period of patent protection, it is common for pharmaceutical companies producing brand name medicines to use a broad set of promotional activities to inform prescribers about the medicines they sell. Such activities include, for example, employing sales representatives to visit or call physicians for one-on-one interactions (i.e., detailing), promoting medicines in medical journals, sponsoring physician-led speaker programs and CMEs, developing and maintaining collaborative relationships with KOLs, and employing Medical Science Liaisons ("MSLs") to communicate scientific information.<sup>47, 48, 49</sup>

37. Several studies find that detailing constitutes the largest portion of pharmaceutical marketing expenditure for branded medicines.<sup>50</sup> For example, a study by Pew Charitable

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<sup>46</sup> In rare circumstances, the data record negative payments to healthcare providers. Such negative payments are excluded from all of my analyses using this dataset. See, TEVA\_MDL\_A\_03413816.

<sup>47</sup> See, for example, Dick R. Wittink, "Analysis of ROI for Pharmaceutical Promotion (ARPP)," Working Paper, September 18, 2002 ("Wittink (2002)"), available at [http://kurse.fh-regensburg.de/kurs\\_20/kursdateien/2010Analysis\\_of\\_ROI.pdf](http://kurse.fh-regensburg.de/kurs_20/kursdateien/2010Analysis_of_ROI.pdf), p. 6.

<sup>48</sup> "KOL management is an essential component for marketers and medical staff throughout the life-cycle process of a specific drug or product." See, "KOL Management in Pharma and Life Sciences," November 1, 2006, available at <https://www.destinationcrm.com/Articles/ReadArticle.aspx?ArticleID=41973>.

<sup>49</sup> According to QuintilesIMS, "[i]n the U.S., almost all pharmaceutical companies deploy MSL teams." QuintilesIMS, "Medical Science Liaisons: A key to driving patient access to new therapies," p.4.

<sup>50</sup> See, for example, Scott Neslin Presentation, "ROI Analysis of Pharmaceutical Promotion (RAPP): An Independent Study," May 22, 2001, p. 6; Wittink (2002), p. 7; and The Pew Charitable Trusts, "Persuading the Prescribers: Pharmaceutical Industry Marketing and Its Influence on Physicians and Patients," November 11, 2013 ("The Pew Charitable Trusts, 'Persuading the Prescribers'"), available at <http://www.pewtrusts.org/en/research-and-analysis/fact-sheets/2013/11/11/persuading-the-prescribers-pharmaceutical-industry-marketing-and-its-influence-on-physicians-and-patients>, accessed on January 15, 2019.

Trusts finds that detailing-related expenditures comprise over half of the aggregate pharmaceutical marketing spending in 2012.<sup>51</sup> In addition, a study by Wittink (2002) finds that 100 percent, 95 percent, and 100 percent of products launched between 1998 and 2000 with sales of \$25 million to \$100 million, \$100 million to \$500 million, and at least \$500 million, respectively, listed detailing as a promotional expense.<sup>52</sup> Studies also find that the pharmaceutical industry promotes their products through journal and web advertisements as well as educational and promotional meetings.<sup>53</sup> For example, Wittink (2002) finds that 100 percent of products launched between 1998 and 2000 with sales of \$25 million to \$100 million, \$100 million to \$500 million, and at least \$500 million, listed journal advertising as a promotional expense.<sup>54</sup> Additionally, the Pew Charitable Trusts' study states that journal and web advertisements "are standard promotional techniques that provide an important source of revenue for medical journals."<sup>55</sup>

38. To further quantify the promotional spending for Actiq and Fentora, I consider the marketing-to-sales ratio, which is commonly used to quantify a firm's marketing spending relative to its revenue. Studies find that the marketing-to-sales ratios for pharmaceutical companies typically range from 10 percent to 20 percent.<sup>56</sup> For example, Berndt (2001) states that "[i]f one includes as components of marketing journal advertising, detailing to physicians, product samples, and direct-to-consumer (DTC) marketing, ratios of 10–20 percent are not unreasonable estimates."<sup>57</sup> Additionally, a study by Donohue et al. (2007) shows that the percentage of sales spent on promotion by the pharmaceutical industry ranged between 13.6 percent and 18.2 percent between 1996 and 2005.<sup>58</sup> Statista, an online statistics database,

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<sup>51</sup> The Pew Charitable Trusts, "Persuading the Prescribers."

<sup>52</sup> Wittink (2002), p. 11.

<sup>53</sup> See, for example, The Pew Charitable Trusts, "Persuading the Prescribers;" and Wittink (2002), pp. 6–7.

<sup>54</sup> Wittink (2002), p. 11.

<sup>55</sup> The Pew Charitable Trusts, "Persuading the Prescribers."

<sup>56</sup> Ernst R. Berndt, "The U.S. Pharmaceutical Industry: Why Major Growth in Times of Cost Containment?", *Health Affairs*, 20(2), 2001 ("Berndt (2001)'), pp. 100–114 at p. 111. See also, Julie M. Donohue et al., "A Decade of Direct-to-Consumer Advertising of Prescription Drugs," *The New England Journal of Medicine*, 357(7), 2007 ("Donohue et al. (2007)'), pp. 673–681 at p. 676 and Henry Grabowski et al., "Returns on Research and Development for 1990s New Drug Introductions," *Pharmacoeconomics*, 20(3), 2002 ("Grabowski et al. (2002)'), pp. 11–29 at p. 18.

<sup>57</sup> Berndt (2001), p. 111.

<sup>58</sup> Donohue et al. (2007), pp. 673–676. The study uses IMS Health marketing data and Pharmaceutical Research and Manufacturers of America industry-wide sales data when calculating the marketing-to-sales ratios for the industry. The IMS Health marketing data used in this study includes journal advertising, detailing to physicians, product samples, and direct-to-consumer marketing.

further documents that the marketing-to-sales ratios of the top ten pharmaceutical companies ranged between 17.9 percent and 28.4 percent in 2013.<sup>59</sup> Additionally, academic literature shows that the marketing-to-sales ratio of a branded medicine decreases over time, after the medicine's initial launch. For example, Grabowski (2002) states that "promotion and marketing is equal to sales in year 1, declines to 50% in year 2, and falls to 25% in year 3."<sup>60</sup>

39. The marketing-to-sales ratios for Actiq and Fentora have generally been lower than the academic findings for the pharmaceutical industry both as a whole and with respect to branded medicines. **Exhibit 4** shows the marketing spending and gross sales for Actiq from February 1999 to May 2018.<sup>61</sup> Actiq's marketing-to-sales ratio started at 15 percent in the year of launch and gradually declined to less than 1 percent in 2006 when generic versions of Actiq became available. Subsequently, Actiq's marketing-to-sales ratio never reached 0.3 percent. Similarly, **Exhibit 5** shows marketing spending and gross sales for Fentora from September 2006 to May 2018.<sup>62</sup> Fentora's marketing-to-sales ratio was 6 percent in the year of launch, declined to 5 percent in the subsequent year, and then fluctuated between 1 and 3 percent thereafter. These ratios are consistent with, and generally lower than, the typical marketing-to-sales ratios described in the literature above. In fact, the marketing-to-sales ratios for Actiq and Fentora for each year after launch are substantially lower than the average of other at-issue branded opioid medicines identified in the complaints (See **Exhibit 6**).

40. In sum, the nature of the Teva Defendants' marketing expenditures have generally been in line with those of the pharmaceutical industry for prescription medicines, and the Teva Defendants' marketing expenditures relative to sales for Actiq and Fentora have been less than the pharmaceutical industry for prescription medicines overall according to commonly-used benchmarks.

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<sup>59</sup> Statista, "Top Pharmaceutical Companies' Expenditure on Marketing as a Percentage of Sales in 2013," available at <https://www.statista.com/statistics/271784/marketing-expenditure-of-pharmaceutical-companies-in-2009/>, accessed on February 11, 2019.

<sup>60</sup> Grabowski et al. (2002), p. 18.

<sup>61</sup> The sales and marketing spending for Actiq in **Exhibit 4** include sales and marketing spending by "Abbott," "Anesta Corporation," "Cephalon Inc," and "Teva" as recorded in Dr. Rosenthal's IQVIA data. In 1999 and 2000, Actiq was primarily marketed by Abbott Laboratories in the U.S. under a license agreement with Anesta. Protext, "Anesta Corp. Licenses Actiq Rights to Elan / Novel Breakthrough Pain Therapy to Be Marketed by Elan Pharma International," available at <http://www.protext.cz/novy/press-release.php?id=1344>, accessed on February 28, 2019.

<sup>62</sup> The sales and marketing spending for Fentora in **Exhibit 5** include sales and marketing spending by "Cephalon Inc," and "Teva" as recorded in Dr. Rosenthal's IQVIA data.

**C. Plaintiffs Fail to Acknowledge that the Teva and Actavis Generic Defendants Did Not Promote the Safety and Efficacy of Their Generic Medicines to Physicians, and Any Marketing of the Availability of Generic Medicines Is Minimal At Best**

41. Plaintiffs' experts not only fail to acknowledge that the Teva Defendants' promotional activities for their branded opioid products were in line with the pharmaceutical industry, they also fail to account for the general differences in marketing between branded and generic medicines. While manufacturers employ various promotional tools to market their brand-name products, they typically do not promote their generic medicines.<sup>63</sup> Yet, several of the Plaintiffs' experts fail to address the different marketing strategies of branded and generic medicines. Moreover, Plaintiffs' experts have combined branded and generic opioids in their analyses and have not investigated the differential impact of the branded marketing versus the minimal (if any) generic marketing.

42. For example, Dr. Rosenthal purports to have quantified the impact of the manufacturer Defendants' marketing on opioid sales, yet she did not make any distinction between the marketing for, and sales of, branded and generic opioid medicines in her quantitative analyses.<sup>64</sup> Instead, she concludes that "the combined effect of the Defendant manufacturers' promotion of prescription opioids since 1995 was a substantial contributing factor to the increase in the use of prescription opioids" based on marketing measures aggregated across branded and generic medicines.<sup>65</sup>

43. Generic medicines are versions of already FDA approved brand-name medicines with the same "dosage, safety, effectiveness, strength, stability, and quality, as well as in the way [they are] taken and should be used."<sup>66</sup> A pharmaceutical company can launch a generic medicine once the patents of the corresponding brand-name medicine expire. Generics typically sell at greatly discounted prices.<sup>67</sup> Generic sales depend on state automatic substitution laws

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<sup>63</sup> Federal Trade Commission Report, "Authorized Generic Drugs: Short-Term Effects and Long-Term Impact," August 2011, p. 17.

<sup>64</sup> Rosenthal Production.

<sup>65</sup> Rosenthal Report, ¶ 11.

<sup>66</sup> FDA, "Generic Drug Facts" ("FDA, 'Generic Drug Facts'"), available at <https://www.fda.gov/Drugs/ResourcesForYou/Consumers/BuyingUsingMedicineSafely/GenericDrugs/ucm167991.htm>, accessed on February 14, 2019.

<sup>67</sup> FDA, "Generic Drug Facts."

whereby pharmacies are allowed to, and in some cases are required to, dispense a generic medicine even when a physician writes a prescription for a branded medicine.<sup>68</sup> Ohio law gives pharmacies the discretion to make that determination.<sup>69</sup> Oftentimes, a patient's own health insurance provider or Pharmacy Benefit Manager ("PBM") will require that a generic be substituted for the branded prescription once the patient submits their prescriptions at the pharmacy.<sup>70</sup>

44. Manufacturers rarely, if at all, promote generic medicines. For example, the FDA website to consumers states that manufacturers for generic medicines "generally do not pay for advertising, marketing and promotion."<sup>71</sup> This is also consistent with the statements in the Teva Ltd.'s 10-K from 2018: "[i]n markets such as the United States . . . generic medicines may be substituted by the pharmacist for their brand name equivalent . . . In these so-called 'pure generic' markets, physicians and patients have little control over the choice of generic manufacturer, and consequently generic medicines are not actively marketed or promoted to physicians"<sup>72</sup> Indeed, Dr. Perri acknowledges that "[f]or generics, the chemical entity selected by the prescriber is usually available from multiple manufacturers who are competing for market share. While prescribers still choose the medication to use, it is the pharmacy provider, sometimes working in concert with, and subject to the desires of wholesalers, TPPs [("Third Party Payors")] or PBMs, who typically selects the manufacturer that will supply the generic medication."<sup>73</sup> This was also confirmed by Dr. Rosenthal, who testified that "[g]enerally, manufacturers will not detail physicians for generics. They may have other sales force activities that they do that relate to price, but individual physicians are not generally making a decision about one generic versus the other. That decision happens at the pharmacy."<sup>74</sup>

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<sup>68</sup> Henry Grabowski et al., "Does Generic Entry Always Increase Consumer Welfare?," *Food and Drug Law Journal*, 67(3), 2012 ("Grabowski et al. (2012)"), pp. 373–391 at p. 377.

<sup>69</sup> LAWriter Ohio Laws and Rules, "4729.38 Selecting generically equivalent drugs or interchangeable biological products," available at <http://codes.ohio.gov/orc/4729.38>, accessed on May 8, 2019 ("Unless instructed otherwise by the person receiving the drug pursuant to the prescription, a pharmacist filling a prescription for a drug prescribed by its brand name may . . . select a generically equivalent drug, or, in the case of a drug that is a biological product, select an interchangeable biological product").

<sup>70</sup> Grabowski et al. (2012), p. 377.

<sup>71</sup> FDA, "Generic Drugs Undergo Rigorous FDA Scrutiny."

<sup>72</sup> Teva 2017 10-K, p. 5.

<sup>73</sup> Perri Report, p. 147.

<sup>74</sup> Deposition of Meredith B. Rosenthal, May 4, 2019 ("Rosenthal Deposition"), pp. 197:23–198:4.

45. The academic literature finds that manufacturers generally do not promote generic medicines. For example, Lakdawalla and Philipson (2012) find that generic manufacturers spend little to no funding on direct-to-physician promotion, such as detailing and dispensing samples.<sup>75</sup> Specifically, as explained earlier, generic sales are largely driven by state automatic substitution laws whereby generic medicines can, and in some instances must, be dispensed even when a physician writes a prescription for a branded medicine.<sup>76</sup> Likewise, the promotion of generics does not guarantee that a manufacturer will recover the value of the promotion because a generic prescription could be filled with any product manufactured by a number of competing generic manufacturers. Thus, any promotion conducted by one manufacturer for its own generic medicines could ultimately benefit the sales of a different generic medicine manufactured by its competitor. This diminishes the value of pharmaceutical promotion for generic medicines. Thus, generic medicines do not rely on marketing to drive medicine sales.<sup>77</sup>

46. To the extent generic medicines are marketed at all, companies merely promote their commercial availability. Generally, there is no promotional spending for detailing or journal advertising for the safety, efficacy, or therapeutic value of the generic medicines. This is supported by the testimony of Dr. Perri as well as those of several former personnel of the Teva and Actavis Generic Defendants. For example, Dr. Perri testified that generic manufacturers “do not promote the safety[,] efficacy, or benefits of their generic medications” and instead “[focus] on consistency of supply, pricing and quality of the products.”<sup>78</sup> Similarly, Ms. Jinping McCormick, former Marketing Manager at Actavis, mentions that the Actavis Generic Defendants “were not detailing any benefit of the . . . [generic] medicine.”<sup>79</sup> Mr. Andrew Boyer, former President and Chief Executive Officer of Teva North America, also confirms that the Teva Defendants do not market generic medicines beyond their commercial availability.<sup>80</sup>

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<sup>75</sup> Darius Lakdawalla and Tomas Philipson, “Does Intellectual Property Restrict Output? An Analysis of Pharmaceutical Markets,” *The Journal of Law and Economics*, 55(1), 2012, pp. 151–187 at pp. 169–170.

<sup>76</sup> Grabowski et al. (2012), p. 377.

<sup>77</sup> Grabowski et al. (2012), p. 377.

<sup>78</sup> Deposition of Matthew Perri, April 23 and 24, 2019 (“Perri Deposition”), pp. 547:15–548:8.

<sup>79</sup> Deposition of Jingping McCormick, January 9, 2019, pp. 20:10–13, 112:20–114:24, 258:3–15.

<sup>80</sup> Deposition of Andrew Boyer, January 15, 2019 (“Boyer Deposition”), pp. 22:21–24, 125:9–129:21. (When asked about “print advertising, internet advertising, recruitment of key opinion leaders, . . . [and] joint marketing and

47. In line with academic findings, the Teva and Actavis Generic Defendants incurred minimal marketing spending for their generic medicines, despite the fact that there are more than 1,000 generic products in their portfolio.<sup>81</sup> In fact, according to Dr. Rosenthal's IQVIA data, the Teva and Actavis Generic Defendants did not incur any marketing spending for 8 of their 14 generic opioid medicines. Between January 1995 and May 2018, the proposed period of allegations, the marketing spending by the Teva and Actavis Generic Defendants on their generic opioid medicines accounted for 0.09 percent of the combined marketing spending by *all* of the Defendant and non-Defendant manufacturers on branded and generic opioids as identified by Dr. Rosenthal (See **Exhibit 7**).<sup>82</sup> The marketing spending by the Teva and Actavis Generic Defendants on each generic opioid medicine, using Dr. Rosenthal's IQVIA data, is shown in **Exhibit 8**.

48. The highly limited marketing activities for generic medicines are also evident from deposition testimony of Christine Baeder, the Chief Operations Officer of Teva USA's generic segment. She testified that Teva USA does not promote generic medications to physicians because “[t]he decision-maker in generic procurement is not the physician. It's the officer at a corporate retail chain.”<sup>83</sup> When asked about Teva USA's promotion of generic opioid medication to patients, Ms. Baeder again confirmed that Teva USA does not promote generic medication to patients because “[t]he economics of the generic products don't support the generally very expensive interfaces to reach patients.”<sup>84</sup> According to Ms. Baeder, with regards to generic medication, Teva “provide[s] availability information, [Teva] provide[s] a price, and [Teva] tr[ies] to negotiate a construct of a framework with a customer

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promotion efforts of generic products . . . with other manufacturers,” Boyer said that this did “[n]ot [happen] on the generic side of the business” beyond mentioning product availability or the company's supply chain.)

<sup>81</sup> Deposition of Christine Baeder, January 24, 2019 (“Baeder Deposition”), pp. 28:7–9, 40:9–13. (“Teva has around 1,200 [generic] products. I think we've had up to 1,500 generic products and right now we have somewhere between 1,100 and 1,200 [generic] products.”).

<sup>82</sup> The marketing spending for generic opioids in **Exhibit 7** and **Exhibit 8** includes promotional spending by manufacturers Dr. Rosenthal classifies as “Teva” and “Actavis” in her Defendant classification. This includes promotional spending by “Actavis,” “Barr Labs,” “Royce Labs,” “Teva,” and “Watson Labs” as recorded in Dr. Rosenthal's IQVIA data.

<sup>83</sup> Baeder Deposition, p. 416:5–15.

<sup>84</sup> Baeder Deposition, pp. 416:16–417:1.

that makes [Teva] relatively easy to do business with. But that's really all [Teva] ha[s] from a promotional perspective.”<sup>85</sup>

49. Similarly, several former personnel from the Actavis Generic Defendants also testified that the Actavis Generic Defendants did not promote the safety, efficacy, or therapeutic value of their generic medicines (to physicians or otherwise).<sup>86</sup> According to Michael Perfetto, former Vice President of Actavis Sales and Marketing, “if you look at generics, we’re all the same product. So we use quality, product supply, and pricing primarily to sell our products.”<sup>87</sup> Andy Boyer, former Senior Vice President of Actavis Sales and Marketing, further added that “[i]t is physically impossible for a generics company to hire enough sales representatives to go in and speak to physicians about all of [their] generics products.”<sup>88</sup> Mr. Boyer also noted that, “We don’t detail products . . . These are not brands, these are generics. We offer up a price and we offer up a consistent supply in our supply chain and hopefully quality products . . . There’s no pushing, there’s no detailing, there’s nothing else there.”<sup>89</sup>

50. Plaintiffs’ experts have ignored that the Teva and Actavis Generic Defendants have not promoted the safety and efficacy of their generic products and that, as a result, sales of the Teva and Actavis Generic Defendants’ generic opioids could not have been caused by the Teva and Actavis Generic Defendants’ own marketing efforts.<sup>90</sup> Dr. Rosenthal, however, conducts her analysis by combining the shipments and marketing activities of all branded and generic opioids.<sup>91</sup> Thus, her analysis is unable to accurately evaluate the impact of the Teva and Actavis Generic Defendants’ marketing activities, if any, on the sales of the Teva and

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<sup>85</sup> Baeder Deposition, p. 134:1–12; See also, Hassler Deposition (November 2018), p. 108:8–13 (“it just wasn’t a practice that they would talk about the therapeutic information in the [generic] product. They typically just ran with the brand name, the dosage strength, and the availability of the product.”).

<sup>86</sup> See, for example, Deposition of Douglas Boothe, January 17, 2019, pp. 146:21–147:10 (“Q. Are you aware of what marketing tools were used by Actavis to drive sales of its generic drugs, including opioids, while you were at the company? . . . A. . . . generic drugs generally don’t do a lot of marketing.”); Deposition of Michael Perfetto, December 18, 2018 (“Perfetto Deposition”), p. 315:11–21 (“Q. Okay. And what marketing tools did Actavis use to drive sales of these generic products while you were there? . . . A. We -- we don’t -- we don’t market products. We sell generics. We don’t use marketing. We actually don’t use promotion.”); Deposition of David Myers, December 13, 2018, p. 83:6–11 (“Watson [Actavis] did not believe in really advertising generic pharmaceuticals.”).

<sup>87</sup> Perfetto Deposition, pp. 315:22–316:2.

<sup>88</sup> Boyer Deposition, p. 317:3–7.

<sup>89</sup> Boyer Deposition, p. 346:9–17.

<sup>90</sup> Note that there is no generic version of Fentora on the market as of December 31, 2017.

<sup>91</sup> Rosenthal Report, ¶¶ 11, 58–64.

Actavis Generic Defendants' at-issue opioid products, let alone the impact from the alleged false marketing activities by the Teva and Actavis Generic Defendants.

**VI. Dr. Rosenthal Incorrectly Assumes that All Promotion by the Manufacturer Defendants Was Unlawful and that the Teva Defendants Would Not Promote Actiq or Fentora Absent the Alleged Unlawful Promotion**

51. Dr. Rosenthal claims she "can reasonably identify approximately 45-67% of MMEs during the period of [her] analysis as caused by unlawful promotion."<sup>92</sup> However, the purported excess MMEs that Dr. Rosenthal attributes to the alleged unlawful promotion are based on assumptions that are incorrect and inconsistent with the evidence in this matter.

52. More specifically, Dr. Rosenthal's analyses are based on the assumption that "*all or virtually all* promotion by the manufacturer Defendants from 1995 to the present was unlawful (emphasis added)."<sup>93</sup> To quantify the MMEs but for the alleged unlawful promotion, Dr. Rosenthal modeled a world in which "promotion did not occur."<sup>94</sup> In other words, Dr. Rosenthal assumes that the manufacturer Defendants would not conduct any marketing or promotional activities absent the alleged misconduct. This assumption is unfounded for two reasons. First, Dr. Rosenthal has not provided any evidence that the Teva Defendants would cease all of their promotional activities but for the alleged unlawful marketing. Second, she has not provided any evidence showing that all of the Teva Defendants' marketing messages are "unlawful."

53. In fact, as I will discuss below, it is standard for pharmaceutical manufacturers to promote the branded products they sell. Pharmaceutical companies often engage in various promotional activities such as detailing by sales representatives, advertising in medical journals, and sponsoring educational and promotional meetings. Moreover, the Teva Defendants' marketing messages contain information that educates prescribers on the risks and indications of their prescription opioids. By not accounting for these two facts, Dr. Rosenthal has incorrectly inflated her estimates of excess MMEs but-for the alleged unlawful promotion.

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<sup>92</sup> Rosenthal Report, ¶ 11.

<sup>93</sup> Rosenthal Report, ¶ 75.

<sup>94</sup> Rosenthal Report, ¶ 75.

**A. It is Common for Pharmaceutical Manufacturers to Promote the Products They Sell**

54. In general, pharmaceutical manufacturers rely on marketing and promotional activities to increase the sales of their branded medicines. As described in Section V, industry research shows that it is common for pharmaceutical companies to use various forms of promotion to educate and inform prescribers about the branded medicines they sell. In particular, it is typical for pharmaceutical companies to employ sales representatives to provide physicians with information regarding clinical data, dosing recommendations, and safety and risks of their medicines through detailing.<sup>95, 96</sup> It is also common for pharmaceutical companies to spend resources on journal advertising as well as educational and promotional meetings.<sup>97, 98</sup> As discussed in Section V, the marketing-to-sales ratios for pharmaceutical companies typically range from 10 percent to 20 percent.<sup>99</sup> Based on Dr. Rosenthal's marketing data, the Teva Defendants' marketing spending for Actiq and Fentora is below the industry average.

**B. The Teva Defendants' Promotional Messages Contain Information that Educates Prescribers on the Risks and Indications of Their Prescription Opioids**

55. Dr. Rosenthal assumes in her analyses that "*all or virtually all* promotion by the manufacturer Defendants from 1995 to the present was unlawful (emphasis added)."<sup>100</sup> However, neither Dr. Rosenthal nor the other Plaintiffs' experts have quantified the extent to which the Teva Defendants' marketing messages were false and misleading, especially given that the Teva Defendants' marketing messages also contain information that educates the prescribers of the risks and FDA-approved indications of their opioid products consistent with their FDA-approved labels.

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<sup>95</sup> "Pharmaceutical Marketing in Perspective: Its Value and Role as One of Many Factors Informing Prescribing," PhRMA, July 2008, pp. 1, 4.

<sup>96</sup> The Pew Charitable Trusts, "Persuading the Prescribers." A study sponsored by the Association of Medical Publications also show detailing-related expenditures comprise over half of pharmaceutical spending in 2000. See, Wittink (2002), pp. 6–7, 32.

<sup>97</sup> "Nearly Half of Pharma's Promotional Speaker Programs Teams Have Been in Place Less Than Three Years," Business Wire, March 14, 2013, available at <https://www.businesswire.com/news/home/20130314005009/en/Pharma%20%80%99s-Pr>.

<sup>98</sup> See, The Pew Charitable Trusts, "Persuading the Prescribers;" and Wittink (2002), p. 11.

<sup>99</sup> Berndt (2001), p. 111; Donohue et al. (2007) at p. 676; and Grabowski et al. (2002), pp. 11–29 at p. 18.

<sup>100</sup> Rosenthal Report, ¶ 75.

56. In fact, while Dr. Perri identified 24 categories of the manufacturer Defendants' marketing messages that "increase[ed] awareness and remov[ed] barriers to opioid use" in his report, he did not point to any evidence related to the Teva Defendants for 17 of these categories.<sup>101</sup> Among the 263 marketing messages that Dr. Perri identified as "increasing awareness and removing barriers to opioid use", only seven of them involve the Teva Defendants.<sup>102</sup> Dr. Perri acknowledged in his testimony that he was asked to assume that all of the manufacturer Defendants' marketing messages were false and misleading.<sup>103</sup> In addition, several Plaintiffs' experts testified that they are not aware of any false and misleading marketing messages by the Teva or Actavis Generic Defendants. For example, Dr. Schumacher was unable to identify any false marketing statements made to any prescriber in Ohio or in the U.S. by the Teva or Actavis Generic Defendants.<sup>104</sup> In addition, Dr. Lembke testified that she was not aware of any specific false marketing statement by the Teva Defendants in Summit Country and Cuyahoga County.<sup>105</sup>

57. Indeed, the Teva Defendants' internal marketing plans and training materials contain information that educates physicians about the indications, risks, and mechanisms of their opioid products. Cephalon's marketing plans discussed communicating with physicians and pharmacists about the importance of patient selection when prescribing Actiq and Fentora, in

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<sup>101</sup> Perri Report, pp. 80–82, Table II.

<sup>102</sup> Perri Report, pp. 80–82, Table II.

<sup>103</sup> Perri Deposition, pp. 84:13–85:2 ("Q. . . . So in connection with the case study in this lawsuit, you were asked to make assumptions about -- that the defendants' marketing messages were false, misleading, inaccurate, or designed to misstate the risks and benefits of defendants' drugs; fair? And I'm looking at -- . . . A. The -- I think it's -- I think that's true, but also, as I said, the -- the case study revealed information of its own merit based -- that had basis to that.").

<sup>104</sup> Deposition of Mark A. Schumacher, April 23, 2019, p. 103:6–105:11 ("Q. Okay. Sitting here today, can you identify for me any false statements that were made by Teva or Teva USA or a Teva USA sales representative to any prescriber in Ohio? . . . THE WITNESS: No, I have no information to support that. . . . Q. Sitting here today, can you identify for me any false statements that were made by Watson Laboratories or Watson Laboratories sales representative to any prescriber in Ohio? . . . THE WITNESS: I don't know. . . . Q. Sitting here today, can you identify for me any false statements that were made by Actavis Pharma or any sales representative of Actavis Pharma to any prescriber in Ohio? . . . THE WITNESS: I don't know. . . . Q. Sitting here today, can you identify for me any false statements that were made by Actavis LLC or any sales representative of Actavis LLC to any prescriber in Ohio? . . . THE WITNESS: I don't know. . . . Q. How about sitting here today -- putting aside "to prescribers in Ohio." Sitting here today, can you identify any false statement that any of those entities I just identified, Cephalon, Watson Labs, Teva USA, Actavis Pharma or Actavis LLC have made in any context? . . . THE WITNESS: Given the materials that I've reviewed, I -- and focused on the report, which is not intended to be an exhaustive review of the -- of all manufacturers, I do not have evidence for those listed companies.").

<sup>105</sup> Deposition of Anna Lembke, April 24, 2019, pp. 398:19–399:3 (Q. Are you aware of any marketing statements made by Teva or Cephalon in Summit or Cuyahoga County? A. I'm not specifically aware of marketing specifically in those counties, but I believe that the misleading promotional statements have disseminated across every region of the United States, and that Cuyahoga County and Summit County are not exceptions to that.).

line with Actiq and Fentora's indications. For example, in the 2008 marketing plan for Fentora, Cephalon identifies two key messages to physicians and pharmacists regarding safety, saying “[do] NOT use FENTORA in opioid non-tolerant patients (emphasis in original),” and “FENTORA is contraindicated in the management of acute or postoperative pain, including headache/migraine.”<sup>106</sup> In fact, Cephalon’s 2008 marketing plan for Fentora repeatedly notes that “[any] reference to BTP [(“breakthrough pain”)] in context of strategy/promotion refers to BTP in opioid tolerant patients with cancer until approval of broad label.”<sup>107</sup> Moreover, according to the Teva Defendants’ internal training documents, Cephalon’s sales representatives were instructed to provide healthcare professionals with prescribing information that “contains product information approved by the Food and Drug Administration (FDA).”<sup>108</sup>

58. In addition to internal marketing plans and training materials, the Teva Defendants’ marketing materials shared externally with prescribers emphasize the indications and risks of Actiq and Fentora. For example, a 2006 e-detailing presentation by Cephalon emphasizes the safety information for Actiq. The presentation states in several places that “Actiq is indicated only for the management of breakthrough cancer pain in patients with malignancies who are already receiving and who are tolerant to opioid therapy for their underlying persistent cancer pain (emphasis in original).”<sup>109</sup> Fentora’s marketing materials for prescribers also contain similar language.<sup>110</sup> As another example, a 2007 Fentora Healthcare Professionals FAQ pamphlet specifies Fentora’s indications, risks, and Schedule II status on its first page.<sup>111</sup> The pamphlet also contains information on the adverse events, side effects, and the Risk Minimization Action Plan (“RiskMAP”) associated with Fentora.<sup>112</sup> Furthermore, in 2011, Cephalon sent a letter to healthcare professionals describing the REMS program for Actiq and

<sup>106</sup> Cephalon Brand Plan, “FENTORA 2008 Brand Plan,” 2008 (“Cephalon 2008 Fentora Brand Plan”), TEVA\_MDL\_A\_00550836, p. 50.

<sup>107</sup> See, for example, Cephalon 2008 Fentora Brand Plan, pp. 2, 10–13, 22, 24, 34, 42–43, 50; and Cephalon Brand Plan, “FENTORA 2009 Brand Plan,” 2009 (“Cephalon 2009 Fentora Brand Plan”), TEVA\_MDL\_A\_00550838–81 at TEVA\_MDL\_A\_00550840.

<sup>108</sup> Cephalon Sales Training Manual, “Pain Products Learning System: Fentora® (Fentanyl Buccal Tablet) Annotated PI,” March 2011, TEVA\_MDL\_A\_00345108–89 at TEVA\_MDL\_A\_00345113–4.

<sup>109</sup> TEVA\_MDL\_A\_00695225–60 at TEVA\_MDL\_A\_00695228. See also, TEVA\_MDL\_A\_00695225–60 at TEVA\_MDL\_A\_00695248; and TEVA\_MDL\_A\_00695259.

<sup>110</sup> See, for example, TEVA\_MDL\_A\_00025378; and TEVA\_MDL\_A\_00025865.

<sup>111</sup> TEVA\_MDL\_A\_00025942–82 at TEVA\_MDL\_A\_00025948.

<sup>112</sup> TEVA\_MDL\_A\_00025942–82 at TEVA\_MDL\_A\_00025959.

Fentora, as well as the contraindications, warnings and precautions, and adverse reactions for these medicines.<sup>113</sup>

59. Some of the Teva Defendants' marketing messages are educational. For example, one of Cephalon's marketing plans identifies "the mechanism of action, OTST™ delivery [*i.e.* the Teva Defendants' patented oral transmucosal medicine delivery system], BTP characteristics and titration messaging" as the focus of the marketing messages in national level medical meetings to help "raise awareness of ACTIQ and differentiate ACTIQ from its competitors."<sup>114</sup>

60. Moreover, the Teva Defendants developed strategies to identify patients who may be particularly prone to abuse or are abusing prescription opioids. For example, in 2004, the Teva Defendants launched a promotional program called "Reduce the Risk." According to the marketing plans for Actiq, the program "[attempted] to assist physicians by providing a mechanism to prescribe opioids appropriately and safely."<sup>115</sup> The Teva Defendants also worked with "a physician advisor and an independent 3<sup>rd</sup> party to develop a screening tool to be used to highlight potential abuse issues with patients."<sup>116</sup>

61. Furthermore, employees of the Teva Defendants testified that Actiq marketing materials had to be submitted to, reviewed, and approved by the FDA prior to use. For example, Andrew Pyfer, a former national sales director for Cephalon, testified that "everything we did from a promotional standpoint . . . , from a marketing standpoint, went to DDMAC at the time for pre-approval before it could be used in the field."<sup>117</sup> Likewise, the Teva Defendants' corporate representative and a Senior Vice President, John Hassler, explained that "[f]or some of the products that [the Teva Defendants] had, like Actiq, the promotional material actually had to be submitted to the FDA and allow a comment period, before the product was used, throughout the life of that brand."<sup>118</sup> More generally, Mr. Hassler stated that "[a]nything that [the Teva Defendants] produced promotionally . . . would be reviewed by legal, regulatory,

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<sup>113</sup> Approval Speaker Letter and Fact Sheet from Cephalon re: Actiq and Fentora REMS Program, August 8, 2011, TEVA\_MDL\_A\_00695824–52 at TEVA\_MDL\_A\_00695846–52.

<sup>114</sup> Cephalon Marketing Plan, "2004 ACTIQ Marketing Plan," 2004 ("Cephalon 2004 Actiq Marketing Plan"), TEVA\_MDL\_A\_00454941–99 at TEVA\_MDL\_A\_00454975, TEVA\_MDL\_A\_00454983.

<sup>115</sup> Cephalon 2004 Actiq Marketing Plan at TEVA\_MDL\_A\_00454979.

<sup>116</sup> Cephalon 2004 Actiq Marketing Plan at TEVA\_MDL\_A\_00454979.

<sup>117</sup> Deposition of Paul Andrew Pyfer, February 20, 2019, pp. 201:6–10, 357:21–358:13.

<sup>118</sup> Deposition of John Hassler, January 17, 2019 ("Hassler Deposition (January 2019)"), pp. 768:8–768:14.

medical and the commercial function that submitted the material. . . . [I]f it was brand specific, it would also be, then, submitted to the FDA on a 2253.”<sup>119</sup>

62. In sum, Plaintiffs’ experts have failed to quantify the extent to which the Teva Defendants’ marketing messages *were false and misleading*. Moreover, the content of the Teva Defendants’ marketing messages has varied and includes educational messages to prescribers about the risks, functioning, and appropriate use of their medicines.

**C. Dr. Rosenthal’s Assumption of No Promotion by the Manufacturer Defendants in the But-For World Leads to Inflated Opioid Shipments Attributable to the Alleged Unlawful Promotion**

63. As part of her purported direct approach, Dr. Rosenthal attempts to estimate the number of excess opioid shipments (*i.e.*, excess MMEs) due to the manufacturer Defendants’ alleged unlawful promotion of their opioid products. Specifically, Dr. Rosenthal first calculates the number of MMEs but for the manufacturer Defendants’ alleged misconduct using a but-for world that is void of *any* marketing by the manufacturer Defendants. Then Dr. Rosenthal calculates the MMEs attributable to the alleged unlawful promotion by taking the difference between the MMEs estimated by her model and the predicted MMEs but for the manufacturer Defendants’ marketing.

64. In performing such a calculation, Dr. Rosenthal assumes without basis that all promotion by the manufacturer Defendants in the actual world was unlawful. Yet as I noted in Section VI.A, marketing of branded medicines is a common practice within the pharmaceutical industry. In particular, according to the FDA, pharmaceutical companies are allowed to market prescription medicines “even [when they] can cause severe injury, addiction, or withdrawal effects.”<sup>120</sup> It would be unreasonable to assume that the manufacturer Defendants would not market their branded opioid medicines at all in a world but for the alleged misconduct. To the extent the manufacturer Defendants continue marketing in the but-for world, Dr. Rosenthal overstates the excess MMEs due to the manufacturer Defendants’ alleged unlawful promotion.

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<sup>119</sup> Hessler Deposition (January 2019), pp. 767:21–768:7.

<sup>120</sup> FDA, “Prescription Drug Advertising: Questions and Answers,” available at <https://www.fda.gov/drugs/prescription-drug-advertising/prescription-drug-advertising-questions-and-answers>, accessed on May 9, 2019.

65. In addition, as I discussed in Section VI.B, none of the Plaintiffs' experts have systematically disentangled the lawful component of the manufacturer Defendants' marketing messages from the alleged unlawful components. In particular, some of the Teva Defendants' marketing messages were educational and focused on the risks and indications of their opioid products. Dr. Rosenthal fails to acknowledge the distinction between lawful and unlawful marketing messages and, instead, assumes that every detailing activity employed by the manufacturer Defendants should not have occurred.

66. In sum, by constructing a hypothetical world in which the manufacturer Defendants engage in no promotion of any kind, Dr. Rosenthal is likely to have *underestimated* the number of MMEs but for the manufacturer Defendants' alleged misconduct. This would have artificially *inflated* the MMEs attributable to the alleged unlawful promotion and thereby render Dr. Rosenthal's conclusions invalid.

## **VII. Dr. Rosenthal's Models Are Insufficient to Demonstrate that the Teva Defendants' Promotional Efforts for Actiq and Fentora Have Increased Sales of Prescription Opioids, or that the Manufacturer Defendants' Combined Promotional Efforts Increased Sales of Prescription Opioids**

67. Based on her regression analysis, Dr. Rosenthal concludes that "the combined effect of the Defendant manufacturers' promotion of prescription opioids since 1995 was a substantial contributing factor to the increase in the use of prescription opioids."<sup>121</sup> However, her aggregate models should not be used to draw any conclusions regarding the effect of promotional efforts by individual manufacturers on opioid sales. Moreover, Dr. Rosenthal's models have several econometric limitations that render her conclusions about the manufacturer Defendants' combined effect of promotion on opioid sales unreliable.

### **A. Dr. Rosenthal's Model Cannot Estimate the Impact of the Teva Defendants' Promotional Efforts for Actiq and Fentora on Opioid Sales**

68. Dr. Rosenthal attempts to measure the combined effect of the manufacturer Defendants' promotions on the combined sales of opioid medicines. Dr. Rosenthal's analysis is unfounded for reasons I describe in this report, and therefore her approach cannot estimate the causal

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<sup>121</sup> Rosenthal Report, ¶ 11.

relationship between combined opioid marketing efforts and combined opioid sales.

Moreover, in addition to the limitations with her aggregate model, Dr. Rosenthal's methodology does not allow her to appropriately estimate the impact of each individual manufacturer Defendant's marketing efforts on opioid sales.

69. First, many factors influence the effectiveness of a given pharmaceutical company's marketing activities, and estimating an aggregate impact of marketing across various medicines and manufacturers ignores differences in effectiveness of marketing and "forces" every medicine's marketing efforts to have the same effect on sales. For example, Leeflang and Wieringa (2010) find that "the effects of promotional efforts are brand specific" and "pooling [marketing expenditures] across brands, even within the same category, is inappropriate."<sup>122</sup> In addition, a study conducted by Kremer et al. (2008) finds that the effectiveness of promotional expenditures in pharmaceutical markets differs by disease categories.<sup>123</sup> Given the fact that each of the manufacturer Defendants marketed distinct branded opioid products and tailored their marketing messages to the specific disease categories for which their medicines were indicated, Dr. Rosenthal's aggregate approach cannot capture the different impact across medicines and manufacturers.

70. Second, Dr. Rosenthal's aggregate model fails to consider the effect of competition between pharmaceutical products, where the marketing of one medicine can have a negative effect on the sales of a competing medicine. Academic literature shows that marketing can shift the demand towards the promoted medicine from other competing medicines that are not promoted.<sup>124</sup> Similarly, the price increase of one medicine can have a positive effect on the sales of a competing medicine. Intuitively, as the price of a medicine increases, consumers substitute that medicine with competing medicines with lower prices.<sup>125</sup> Dr. Rosenthal ignores these competitive dynamics, and therefore her model cannot estimate the incremental

<sup>122</sup> Peter S. H. Leeflang and Jaap E. Wieringa, "Modeling the Effects of Pharmaceutical Marketing," *Marketing Letters*, 21(2), 2010, pp. 121–133.

<sup>123</sup> Sara T.M. Kremer et al., "Generalizations on the Effectiveness of Pharmaceutical Promotional Expenditures," *International Journal of Research in Marketing*, 25(4), 2008, pp. 234–246 at p. 244.

<sup>124</sup> See, for example, Ian Larkin et al., "Association Between Academic Medical Center Pharmaceutical Detailing Policies and Physician Prescribing," *Journal of the American Medical Association*, 317(17), 2017, pp. 1785–1795 at p. 1785. Larkin et al. find that restricting detailing for certain medicines resulted in an increase in the market share of competing non-detailed medicines.

<sup>125</sup> See, for example, John A. Rizzo, "Advertising and Competition in the Ethical Pharmaceutical Industry: The Case of Antihypertensive Drugs," *The Journal of Law and Economics*, 42(1), 1999, pp. 89–116 at p. 113. The study finds that "[i]n the absence of heavy promotion . . . sales are quite responsive to price," indicating that as the price of one medicine increases consumers substitute to a lower-priced competing medicine.

potential effect of the Teva Defendants' marketing on opioid sales. Because the size of such a competitive effect could vary across manufacturers, it is unreasonable to assume that the aggregate relationship Dr. Rosenthal estimates would hold for each individual manufacturer Defendant.

71. Third, Dr. Rosenthal's model ignores that different opioid medicines were in different phases of their life-cycle during the proposed period of allegations. Specifically, the at-issue opioid medicines were launched, sold, marketed, and patent-protected at different times during the proposed period of allegations. However, marketing efforts typically evolve over time. As I show for the marketing spending for Actiq and Fentora in Section V.B, marketing is typically higher earlier in the product life-cycle, and marketing will typically stop once a medicine has experienced generic entry by competitors.<sup>126</sup> As such, the impact of marketing on sales can be attributable to one manufacturer more than another at any given point in time. Individual manufacturer Defendants, including the Teva Defendants, would not be responsible for opioid prescribing in a period during which their own marketing is either declining or non-existent.<sup>127</sup> Dr. Rosenthal's model does not account for the difference in the life-cycle across manufacturers and medicines, and hence it cannot be used to determine the Teva Defendants' contributions to total opioid sales.

72. Fourth, as I discussed in Section V.C above, manufacturers generally do not promote generic medicines. The Teva and Actavis Generic Defendants incurred minimal marketing spending for their generic opioid medicines and any such spending focused on the commercial availability of those medicines, not their safety or efficacy. However, by including generics in her analysis Dr. Rosenthal assumes that the impact of the Teva Defendants' marketing for Actiq and Fentora equally affects the shipments of Actiq and Fentora as well as the shipments of the Teva and Actavis Generic Defendants' generic products that are therapeutic equivalents to the branded medicines manufactured by the other Defendants. This is implausible.

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<sup>126</sup> For the Teva Defendants' medicine products, see discussion in Section V.B. More generally, academic literature shows that the life-cycle of medicine products is one of the factors that impact manufacturers' promotional efforts. See, for example, Dhaval Dave and Henry Saffer, "Impact of Direct-to-Consumer Advertising on Pharmaceutical Prices and Demand," *Southern Economic Journal*, 79(1), 2012, pp. 97–126.

<sup>127</sup> Dr. Rosenthal uses her model to estimate excess MMEs attributable to marketing between January 1995 and May 2018. However, the Teva Defendants' first at-issue branded opioid product, Actiq, was not marketed until February 1999, as shown in **Exhibit 1**. Therefore, the Teva Defendants' marketing efforts for Actiq cannot have contributed to the excess MMEs Dr. Rosenthal estimates between 1995 and 1998 at a minimum. See, Rosenthal Report, Table 2.

**B. Dr. Rosenthal’s Estimates of the Combined Impact of Marketing on Opioid Sales Are Incorrect Because Her Model Omits Important Variables and Ignores that Marketing Is Influenced by Sales**

73. In her direct approach, Dr. Rosenthal purports to model prescription opioid sales as a function of *only* three factors: detailing contacts, a price index for opioid medicines, and a timeline of key events.<sup>128</sup> In other words, Dr. Rosenthal implicitly claims that no other factors could have influenced the sales of prescription opioids. Yet Dr. Rosenthal provides no support for such a presupposition. This, in addition to the several other factors discussed in this report, renders her estimates of the impact of aggregate marketing on aggregate opioid shipments incorrect and inappropriate for determining the percent of sales attributable to the manufacturer Defendants’ alleged misconduct.

74. One problem with Dr. Rosenthal’s direct approach is that she omits important relevant explanatory variables from her model. This omitted variable problem will cause the estimated impact of the independent variables included in the regression—in this case, detailing contacts—to be incorrect, and therefore to incorrectly measure the impact of the manufacturer Defendants’ marketing on opioid shipments.<sup>129</sup> If the omitted variables have a positive impact on opioid sales, then the *true* impact of marketing on opioid sales will be *lower* than the impact estimated by Dr. Rosenthal.<sup>130</sup> In Section IX, I discuss several variables that the academic literature finds to impact physician prescribing behavior but that Dr. Rosenthal does not consider.

75. The pharmaceutical marketing literature frequently addresses the potential bias caused by omitted variables. For example, Mizik and Jacobson (2004) control for physician-specific

<sup>128</sup> Rosenthal Report, ¶¶ 58–60.

<sup>129</sup> Jeffrey M. Wooldridge, *Introductory Econometrics: A Modern Approach*, Fifth Edition (Mason, OH: Cengage Learning, 2013), pp. 88–92.

<sup>130</sup> To understand how omitted variable bias operates, consider a statistician using multiple regression to assess the impact of intelligence quotient (“IQ”) on wages. Suppose the statistician regresses wages on IQ from a set of sample data – that is, she tests the relationship between IQ as the independent variable and wages as the dependent variable. The regression outputs a statistically significant relationship between the two variables, whereby every one-point increase in IQ is associated with a two percent increase in wages. However, this *observed* impact of IQ on wages is not necessarily the *true* impact of IQ on wages. If another variable also increases as IQ increases and has an impact on income – for example, education – then the tested model suffers from omitted variable bias. It is possible that education increases income at all IQ levels, and people with higher IQs tend to pursue more education, meaning the regression misattribution education’s effect to IQ. Had the statistician tested a model that controlled for education, she would have found that a one-point increase in IQ has less impact on wages than the two percent she originally predicted. This mistake is in essence analogous to Dr. Rosenthal’s decision to ignore non-marketing factors.

effects, stating that if “physician-specific effects [are] not taken into account, [one will] induce biased coefficient estimates of detailing.”<sup>131</sup> As another example, Shapiro (2018) compares adjacent counties when quantifying effectiveness of direct-to-consumer promotions, which ensures that “counties bordering each other will serve as controls for each other to partial out any local effects that may be increasing or decreasing for both sides of the border.”<sup>132</sup> More generally, Chintagunta et al. (2006) explain that if firms’ choice of marketing levels depends on unobserved variables, the estimate of the impact of marketing would be biased.<sup>133</sup> In contrast to the academic literature, Dr. Rosenthal fails to account for the impact of any non-detailing factors on prescription opioid shipments other than the price and timeline of events.

76. Relatedly, Dr. Rosenthal’s model ignores that opioid prescriptions also drive pharmaceutical marketing activities. While Dr. Rosenthal’s direct approach implicitly assumes that detailing contacts can impact opioid sales but not vice versa, the *true* relationship is that prescription opioid sales and detailing are jointly determined. Such simultaneity will therefore lead to biased results in Dr. Rosenthal’s regression analysis.

77. Indeed, the marketing literature acknowledges the possibility of the reverse causality discussed above. For example, Manchanda et al. (2004) find that “higher-volume physicians receive greater detailing attention. Even if detailing had no effect on prescription behavior, volume-based setting of the detailing independent variable would create a spurious detailing effect in pooled data.”<sup>134</sup> In a separate setting, Bronnenberg and Mahajan (2001) note that “it is not clear whether marketing variables cause observed measures of demand such as market shares or vice versa.”<sup>135</sup>

78. This is also consistent with the Teva Defendants’ internal documents. For example, Cephalon’s 2002 Actiq Marketing Plan discusses the criteria that Cephalon used to identify its

<sup>131</sup> Natalie Mizik and Robert Jacobson, “Are Physicians ‘Easy Marks’? Quantifying the Effects of Detailing and Sampling on New Prescriptions,” *Management Science*, 50(12), 2004, pp. 1704–1715.

<sup>132</sup> Bradley T. Shapiro, “Positive Spillovers and Free Riding in Advertising of Prescription Pharmaceuticals: The Case of Antidepressants,” *Journal of Political Economy*, 126(1), 2018, pp. 381–437 at p. 394.

<sup>133</sup> Pradeep K. Chintagunta et al., “Endogeneity and Simultaneity in Competitive Pricing and Advertising: A Logit Demand Analysis,” *The Journal of Business*, 79(6), 2006, pp. 2761–2787 at p. 2762.

<sup>134</sup> Puneet Manchanda, et al., “Response Modeling with Nonrandom Marketing-Mix Variables,” *Journal of Marketing Research*, 41(4), 2004 (“Manchanda et al. (2004)”), pp. 467–478 at p. 468.

<sup>135</sup> Bart J. Bronnenberg and Vijay Mahajan, “Unobserved Retailer Behavior in Multimarket Data: Joint Spatial Dependence in Market Shares and Promotion Variables,” *Marketing Science*, 20(3), 2001, pp. 284–299 at p. 285.

target audience “for more intense, marketing promotion and direct selling efforts.”<sup>136</sup> More specifically, such criteria revolve around high decile opioid prescribers amongst the universe of potential marketing targets. For instance, Cephalon flags all long-acting and short-acting opioid prescribers in deciles greater than 5 and 6 respectively for more intense promotion of Actiq.<sup>137</sup> Since one of the goals of detailing is to provide information and key updates to the physician about the medicine, directing detailing efforts towards higher decile prescribers would be an effective use of that tool.

79. In sum, lacking proper academic support or empirical justification for her assumptions, it is inappropriate for Dr. Rosenthal to conclude that her direct approach indicates “there is a causal relationship between the Defendants’ promotion and prescriptions of opioids.”<sup>138</sup> Moreover, as I describe in more detail in Section IX, there are many factors besides marketing that impact physicians’ prescribing decisions. As a result, Dr. Rosenthal’s analysis cannot be used to draw any conclusions regarding the effect of promotional efforts on the sales of opioid products, either at the manufacturer level or the aggregate level.

### **VIII. Dr. Rosenthal Does Not Recognize that the Teva Defendants’ Marketing Efforts Would Not Have Influenced All Physicians to the Same Extent**

80. Dr. Rosenthal also fails to recognize that physicians’ prescribing decisions are highly individualized, and there is a diminishing return to promotion.<sup>139</sup> The manufacturer Defendants’ marketing efforts, and the Teva Defendants’ marketing efforts in particular, will not have influenced all physicians to the same extent. As I discuss in this section: (i) some physicians would have discounted the promotional information they received; (ii) prescribers knew about the risks of the Teva Defendants’ opioid medicines during the proposed period of allegations; and (iii) not all prescribers of the Teva Defendants’ opioid medicines likely

<sup>136</sup> Cephalon Marketing Plan, “2002 ACTIQ Marketing Plan,” 2002 (“Cephalon 2002 Actiq Marking Plan”), TEVA\_MDL\_A\_00454816–71 at TEVA\_MDL\_A\_00454829.

<sup>137</sup> Cephalon 2002 Actiq Marking Plan at TEVA\_MDL\_A\_00454829.

<sup>138</sup> Rosenthal Report, ¶ 64.

<sup>139</sup> Puneet Manchanda and Pradeep K. Chintagunta, “Responsiveness of Physician Prescription Behavior to Salesforce Effort: An Individual Level Analysis,” *Marketing Letters*, 15(2-3), 2004 (“Manchanda and Chintagunta (2004)”), pp. 129–145; Pradeep K. Chintagunta et al., “Information, Learning, and Drug Diffusion: The Case of Cox-2 Inhibitors,” *Quantitative Marketing & Economics*, 7(4), 2009 (“Chintagunta et al. (2009)”), pp. 399–443; Ramkumar Janakiraman et al., “Physicians’ Persistence and Its Implications for Their Response to Promotion of Prescription Drugs,” *Management Science*, 54(6), 2008 (“Janakiraman et al. (2008)”), pp. 1080–1093; and Datamonitor Report, “Stakeholder Insight: Cancer Pain,” December 2009 (“Datamonitor 2009 Report”) at TEVA\_MDL\_A\_07392961–3207 at TEVA\_MDL\_A\_07393111.

received the Teva Defendants' alleged false and misleading statements. To the extent physicians prescribed opioids despite these factors, the Teva Defendants' marketing could not have caused those prescriptions.

**A. Physicians Discount the Promotional Information Disseminated by Pharmaceutical Companies**

81. Plaintiffs allege in this matter that the manufacturer Defendants used various marketing channels such as Front Groups, KOLs, CMEs, publications, detailing, and speakers bureaus and programs to increase the sales of prescription opioids.<sup>140</sup> However, Plaintiffs' experts fail to evaluate and account for how prescribers and other related parties perceive the information disseminated by pharmaceutical companies.

82. Academic studies show that physicians tend to discount the credibility of pharmaceutical companies' marketing messages and their sponsored academic studies, often relying on their own judgments or scientific research instead. For example, Kesselheim et al. (2012) find that industry sponsorship of clinical trials, even after accounting for the quality of the trial, negatively affects physicians' perceptions of the rigor of the study.<sup>141</sup> They show that "in comparisons with trials for which no funding was listed and regardless of the study design, physicians were less likely to have confidence in the results of trials funded by industry . . . and were less willing to prescribe drugs described in such trials . . . These effects were even greater when industry-funded trials were compared with trials described as having NIH support."<sup>142</sup> Another study suggests that when the authors reveal commercial interests in the results of their research, readers tend to assess their findings as less credible. In particular, Lacasse and Leo (2011) document in a randomized trial that physicians perceived a study to be less valid and credible when the authors declared financial conflicts-of-interest as KOLs of a fictional pharmaceutical company, compared to when they declared no conflicts.<sup>143</sup>

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<sup>140</sup> Cuyahoga Complaint, ¶¶ 319–320; and Summit Complaint, ¶¶ 345–346.

<sup>141</sup> Aaron S. Kesselheim et al., "A Randomized Study of How Physicians Interpret Research Funding Disclosures," *The New England Journal of Medicine*, 367(12), 2012 ("Kesselheim et al. (2012)'), pp. 1119–1127.

<sup>142</sup> Kesselheim et al. (2012), p. 1122.

<sup>143</sup> Jeffrey R. Lacasse and Jonathan Leo, "Knowledge of Ghostwriting and Financial Conflicts-of-Interest Reduces the Perceived Credibility of Biomedical Research," *BMC Research Notes*, 4(27), 2011, pp. 1–6.

83. Similarly, research finds that physicians discount the messages they receive from pharmaceutical companies through detailing and CMEs. McKinney et al. (1990) survey faculty and medical residents on their perceptions of pharmaceutical sales representatives, and find they “generally had somewhat negative attitudes toward the educational and informational value of detailing activities at their institutions.”<sup>144</sup> Gönül et al. (2001) further find that “excessive detailing . . . [is] counterproductive,” which the authors attribute to “frustration caused by waste of time, fatigue with the promotion, or [the] perception that the drug manufacturer is too desperate or too aggressive.”<sup>145, 146</sup> Similarly, a physician survey by Hayes et al. (1990) reports that only 16 percent of respondents thought that visits by pharmaceutical representatives were of value, and the number was 37 percent for educational events organized by these companies.<sup>147</sup> Meanwhile, 60 percent of physicians exposed to meetings by pharmaceutical representatives considered them to be of little or no educational value.<sup>148</sup>

84. In addition, Manchanda and Honka (2005) conduct a literature review on the effect of detailing and conclude that physicians tend to have negative to neutral attitudes towards sales representatives. Physicians are more likely to hold unfavorable attitudes toward sales representatives when, for example, the sales representatives take “a manipulative and aggressive selling style” or overemphasize “drug promotion versus information delivery.”<sup>149</sup> Moreover, as Manchanda and Honka (2005) summarize, physicians rely more heavily on information from pharmaceutical textbooks, medical journals, and other colleagues than on information from detailing by sales representatives.<sup>150</sup>

<sup>144</sup> W. Paul McKinney et al., “Attitudes of Internal Medicine Faculty and Residents Toward Professional Interaction with Pharmaceutical Sales Representatives,” *Journal of the American Medical Association*, 264(13), 1990, pp. 1693–1697 at p. 1693.

<sup>145</sup> Füsun F. Gönül et al., “Promotion of Prescription Drugs and Its Impact on Physicians’ Choice Behavior,” *Journal of Marketing*, 65(3), 2001 (“Gönül et al. (2001)”), pp. 79–90 at p. 88.

<sup>146</sup> In a study from 2004, my coauthor and I also find that physicians respond differently to pharmaceutical marketing, and there can be a diminishing return to detailing. See, Manchanda and Chintagunta (2004).

<sup>147</sup> T. M. Hayes et al., “Continuing Education for General Practice and the Role of the Pharmaceutical Industry,” *British Journal of General Practice*, 40(341), 1990 (“Hayes et al. (1990)”), pp. 510–512 at p. 511.

<sup>148</sup> Hayes et al. (1990), p. 511.

<sup>149</sup> Puneet Manchanda and Elisabeth Honka, “The Effects and Role of Direct-to-Physician Marketing in the Pharmaceutical Industry: An Integrative Review,” *Yale Journal of Health Policy, Law, and Ethics*, 5(2), 2005 (“Manchanda and Honka (2005)”), pp. 785–822 at pp. 808–809, available at <https://digitalcommons.law.yale.edu/yjhple/vol5/iss2/8/>.

<sup>150</sup> Manchanda and Honka (2005), pp. 794, 809.

85. The impact of detailing on prescribing behavior also varies according to other factors, such as medicine characteristics. Ching and Ishihara (2010) find that the current information about the quality of a medicine, including clinical evidence and side-effects, can affect the impact of detailing on physicians' prescribing decisions.<sup>151</sup> Because a medicine's quality is revealed over time, physicians that are detailed at different times (and therefore have varying information about a medicine's quality) will be differentially affected by detailing. Similarly, a 2007 study by Venkataraman and Stremersch finds that "drug characteristics, such as effectiveness and side effects, moderate the response by physicians to both marketing efforts and detailing, both in their prescription and their sampling behavior."<sup>152</sup>

86. In addition, a study by Gönül et al. (2001) finds that detailing and samples are less likely to influence physicians who see a higher percentage of health maintenance organization ("HMO") or Medicare patients.<sup>153</sup> Because physicians differ in the proportion of patients with different types of insurance coverage, they also differ in their responses to pharmaceutical detailing and samples.

87. Furthermore, the Summit County Physician Survey finds that approximately 94 percent of practicing physicians state that pharmaceutical marketing did not change their opioid prescribing behavior.<sup>154</sup> Similarly, when asked how CME programs and professional conferences have altered their opioid prescribing behavior, 54 percent of physicians state that the conferences did not change their opioid prescribing and 40 percent state that the conferences decreased their opioid prescribing.<sup>155</sup> The survey also finds that

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<sup>151</sup> Andrew Ching and Masakazu Ishihara, "The Effects of Detailing on Prescribing Decisions Under Quality Uncertainty," *Quantitative Marketing & Economics*, 8(2), 2010 ("Ching and Ishihara (2010)"), pp. 123–165 at pp. 135–136, 160.

<sup>152</sup> Sriram Venkataraman and Stefan Stremersch, "The Debate on Influencing Doctors' Decisions: Are Drug Characteristics the Missing Link?," *Management Science*, 53(11), 2007 ("Venkataraman and Stremersch (2007)'), pp. 1688–1701 at p. 1699.

<sup>153</sup> Gönül et al. (2001), p. 88.

<sup>154</sup> Of the 3,819 practicing physicians who responded to the survey question about pharmaceutical marketing, 3,607 (94%), 165 (4%), and 47 (1%) physicians responded that pharmaceutical marketing did not change their opiate prescribing, decreased their opiate prescribing, and increased their opiate prescribing, respectively. See, "Surveying Ohio Physicians on Opiate Prescribing Behaviors," ("Summit County Physician Survey") SUMMIT\_000839795–813; and SUMMIT\_001478969.

<sup>155</sup> Of the 3,802 practicing physicians who responded, 2,045 (54%), 1,524 (40%), and 233 (6%) physicians responded that pharmaceutical marketing did not change their opiate prescribing, decreased their opiate prescribing, and increased their opiate prescribing, respectively. See, Summit County Physician Survey; and SUMMIT\_001478969.

“[p]harmaceutical marketing and continuing medical education (CME) were more likely to decrease a physician's opiate prescribing with more years of experience.”<sup>156</sup>

#### **B. The Risks and Approved Indications of the Teva Defendants' Opioid Medicines Were Available to Physicians**

88. Plaintiffs' experts contend that the manufacturer Defendants downplayed the risk of opioid addiction and misled prescribers, consumers, and policy makers as a result.<sup>157</sup> However, the risks of prescription opioids, including Actiq, Fentora, and the Teva and Actavis Generic Defendants' generic opioids, were known to prescribers. In addition to the Teva and Actavis Generic Defendants' own risk management policies, regulatory agencies at the federal and state level had various programs in place to reduce the risks of addiction related to Actiq, Fentora, and the Teva and Actavis Generic Defendants' generic opioids.

89. As an initial matter, Actiq, Fentora, and several of the Teva and Actavis Generic Defendants' generic opioids have been classified as Schedule II drugs since launch.<sup>158, 159</sup> In 1970, the FDA released drug schedules under the Controlled Substances Act, which classified all opium and opiate substances as Schedule II drugs.<sup>160</sup> The U.S. Drug Enforcement Administration (“DEA”) classifies Schedule II drugs as “drugs with a high potential for abuse, with use potentially leading to severe psychological or physical dependence.”<sup>161</sup> The DEA has made it known to the public that “[t]hese drugs are also considered dangerous.”<sup>162</sup>

90. The risks of Actiq, Fentora, and the Teva and Actavis Generic Defendants' generic opioids are also disclosed on the products' medicine labels. Specifically, the FDA approved Actiq and Fentora only for the management of breakthrough cancer pain in opioid-tolerant

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<sup>156</sup> Summit County Physician Survey, p. 1.

<sup>157</sup> See, for example, Perri Report, pp. 20, 154–155.

<sup>158</sup> Actiq Label (1998); Fentora Label (2006); FDA, Actiq Label, December 2016 (“Actiq Label (2016)”; and Fentora Label (2016)).

<sup>159</sup> Such generic opioids include, for example, generic fentanyl citrate (generic Actiq). See, FDA, Fentanyl Citrate Lozenge Label, December 2016 (“Fentanyl Citrate Lozenge Label (2016)”).

<sup>160</sup> U.S. Department of Justice, Drug Enforcement Administration, Diversion Control Division, “Title 21 United States Code (USC) Controlled Substances Act,” available at <https://www.deadiversion.usdoj.gov/21cfr/21usc/812.htm>, accessed on February 19, 2019.

<sup>161</sup> United States Drug Enforcement Administration, “Drug Scheduling” (“DEA Drug Scheduling”), available at <https://www.dea.gov/drug-scheduling>, accessed on February 15, 2019.

<sup>162</sup> DEA Drug Scheduling.

patients.<sup>163</sup> The labels also state that the medicines may be habit forming, and they include detailed discussions of potential adverse reactions as well as the risks of misuse, abuse, and addiction.<sup>164</sup> In addition, Actiq and Fentora's medicine labels contain FDA approved boxed warnings.<sup>165</sup> Boxed warnings, commonly referred to as "black box warnings," are the most serious type of warning that the FDA offers and are "designed to call attention to serious or life-threatening risks."<sup>166</sup> The same is true for the labels of the Teva and Actavis Generic Defendants' generic opioids, such as generic fentanyl citrate (generic Actiq).<sup>167</sup> In fact, the FDA has required all extended-release and long-acting opioids to include black box warnings starting in 2013.<sup>168</sup> In 2016, the FDA further extended such requirements to include immediate-release opioids.<sup>169</sup> The boxed warnings of fentanyl-based medicines, such as Actiq and Fentora, are also readily available on the Prescriber's Digital Reference website.<sup>170</sup> Therefore, prescribers of the Teva Defendants' opioid products had access to information that disclosed the risks and indications of these medicines.

91. Additionally, Actiq and Fentora have been subject to a number of precautionary safety programs since their approval. Actiq was approved by the FDA under Subpart H (i.e., accelerated approval of new drugs for serious or life-threatening illnesses) with an extensive Risk Management Plan ("RMP") that was designed to address risks of "accidental ingestion of

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<sup>163</sup> Actiq Label (1998); Fentora Label (2006); Actiq Label (2016); and Fentora Label (2016).

<sup>164</sup> Actiq Label (1998); Fentora Label (2006); Actiq Label (2016); and Fentora Label (2016).

<sup>165</sup> Actiq and Fentora labels began including boxed warnings in 2007 and 2011 respectively. See, FDA, Actiq Label, February 2007; FDA, Fentora Label, January 2011.

<sup>166</sup> FDA, "A Guide to Drug Safety Terms at FDA," November 2012, available at <https://www.fda.gov/downloads/forconsumers/consumerupdates/ucm107976.pdf>; and Walgreens, "What is a black box warning on a prescription drug?," accessed on May 3, 2019, available at <https://www.walgreens.com/topic/faq/questionandanswer.jsp?questionTierId=900002&faqId=5400004>.

<sup>167</sup> FDA, Fentanyl Citrate Lozenge Label, December 2016.

<sup>168</sup> FDA, "FDA Announces Enhanced Warnings for Immediate-Release Opioid Pain Medications Related to Risks of Misuse, Abuse, Addiction, Overdose and Death," FDA News Release, March 22, 2016 ("FDA March 22, 2016 Press Release"), available at <https://www.fda.gov/NewsEvents/Newsroom/PressAnnouncements/ucm491739.htm>.

<sup>169</sup> FDA March 22, 2016 Press Release.

<sup>170</sup> See, for example, Prescriber's Digital Reference, "fentanyl citrate – Drug Summary," available at <https://www.pdr.net/drug-summary/Actiq-fentanyl-citrate-1747.200>, accessed on May 8, 2019.

*Actiq* by children (emphasis in original),” “improper patient selection,” and “diversion or abuse.”<sup>171</sup> Similarly, the Fentora RiskMAP was designed to achieve similar objectives.<sup>172</sup>

92. In addition, the FDA later approved a single, shared Transmucosal Immediate Release Fentanyl (“TIRF”) Risk Evaluation and Mitigation Strategy (“REMS”) Access program on December 28, 2011. According to the FDA, the TIRF REMS Access program “consists of a restricted distribution program to reduce the risk of misuse, abuse, addiction, and overdose with TIRF medicines.”<sup>173</sup> The TIRF manufacturers, including the Teva Defendants, were required to implement communication plans, medication guides, and other elements to “ensure that the benefits of a [TIRF] drug outweigh its risks.”<sup>174</sup> Since March 2012, both Actiq and Fentora have been subject to the TIRF REMS program.<sup>175</sup>

93. The FDA requires all healthcare providers who prescribe TIRF medicines for outpatient use and all pharmacies that dispense TIRF medicines to enroll in the TIRF REMS Access program—an online program “designed to educate healthcare prescribers, pharmacists, and patients about the appropriate use of TIRF medicines.”<sup>176</sup> This program requires each prescriber of Actiq and Fentora to review educational materials, including the full prescribing information, and to successfully complete a knowledge assessment, before being eligible to prescribe Actiq and Fentora in an outpatient setting.<sup>177</sup> Prescribers and pharmacies are required to re-enroll every two years.<sup>178</sup>

94. The TIRF REMS program also requires an FDA-approved medication guide to be provided to patients before the medication is dispensed in an outpatient setting.<sup>179</sup> The guide

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<sup>171</sup> Actiq Approval Letter, p. 1; FDA “CFR - Code of Federal Regulations Title 21,” available at <https://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfcfr/CFRSearch.cfm?CFRPart=314&showFR=1&subpartNode=21:5.0.1.1.4.8>, accessed on May 8, 2019; and Center for Drug Evaluation and Research, “Approval Package for: Application Number 20-747/S003,” March 26, 1999 (“Approval Package 20-747/S003”), available at [https://www.accessdata.fda.gov/drugsatfda\\_docs/nda/99/020747Orig1s003.pdf](https://www.accessdata.fda.gov/drugsatfda_docs/nda/99/020747Orig1s003.pdf).

<sup>172</sup> Fentora Approval Letter, pp. 1–2.

<sup>173</sup> FDA, “Questions and Answers: FDA Approves a Class Risk Evaluation and Mitigation Strategy (REMS) for Transmucosal Immediate-Release Fentanyl (TIRF) Medicines,” July 9, 2015 (“FDA REMS TIRF Questions and Answers”), available at <https://www.fda.gov/Drugs/DrugSafety/InformationbyDrugClass/ucm284717.htm#Q6>.

<sup>174</sup> FDA REMS TIRF Questions and Answers.

<sup>175</sup> FDA REMS TIRF Questions and Answers.

<sup>176</sup> FDA REMS TIRF Questions and Answers; and FDA Presentation, “Transmucosal Immediate-Release Fentanyl (TIRF) REMS,” August 3, 2018 (“FDA TIRF REMS Presentations”), p. cc-10.

<sup>177</sup> FDA, “Transmucosal Immediate Release Fentanyl (TIRF) Risk Evaluation and Mitigation Strategy (REMS),” December 21, 2015 (“TIRF REMS”), available at [http://www.accessdata.fda.gov/drugsatfda\\_docs/rems/TIRF\\_SS\\_2015-12-21\\_REMS\\_FULL.pdf](http://www.accessdata.fda.gov/drugsatfda_docs/rems/TIRF_SS_2015-12-21_REMS_FULL.pdf).

<sup>178</sup> FDA REMS TIRF Questions and Answers.

<sup>179</sup> TIRF REMS.

conveys the approved indications, the specific contra-indications, and the FDA-approved risk language—which makes clear that TIRF medicines can put patients at risk for addiction, abuse, misuse, overdose, and death, even when used properly.<sup>180</sup> TIRF REMS also requires patients who are prescribed TIRF medicines on an outpatient basis to sign a Patient-Prescriber Agreement.<sup>181</sup>

95. Thus, the TIRF REMS Access program informed healthcare providers and patients about the indications and risks of Actiq and Fentora. A survey conducted by the FDA in 2018 finds that patients, prescribers, and pharmacists had a high level of knowledge regarding TIRF REMS' key risk messages.<sup>182</sup>

### C. Not All Prescribers Received the Teva Defendants' Alleged False and Misleading Marketing Messages

96. Pharmaceutical companies do not market to all physicians equally. Information on the Teva Defendants' marketing activities shows that prescribers were not equally marketed to by the Teva Defendants, and some prescribers were likely not marketed to at all. Physicians who did not receive any of the Teva Defendants' marketing information could not have been affected by the Teva Defendants' alleged false and misleading messages.

97. The fact that different physicians receive different levels of promotional efforts from pharmaceutical manufacturers is supported by the literature on the impact of pharmaceutical marketing. For example, in a 2004 article that I coauthored, my coauthor and I find significant heterogeneity in physicians' exposure to promotional activities, as measured by the number of details and the number of free samples received by physicians.<sup>183</sup> Other research also confirms that not all physicians are exposed to the same level of promotional activities. For example, Nair and Bhatia (2010) and Chan et al. (2013) document substantial variation in the number of detailing visits physicians receive for particular medicines.<sup>184</sup> As another

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<sup>180</sup> "ACTIQ® (fentanyl citrate) oral transmucosal lozenge Medication Guide," October 2018, available at <https://dailymed.nlm.nih.gov/dailymed/medguide.cfm?setid=90b94524-f913-48b3-3771-7b2fcffd888a>; and "FENTORA® (fentanyl) buccal tablet Medication Guide, March 2019, available at <https://dailymed.nlm.nih.gov/dailymed/medguide.cfm?setid=8f549d95-985b-f783-1ebb-ef57bd2ecb05>."

<sup>181</sup> FDA REMS TIRF Questions and Answers.

<sup>182</sup> FDA TIRF REMS Presentation, pp. cc-70–cc-72.

<sup>183</sup> Manchanda and Chintagunta (2004), pp. 136.

<sup>184</sup> Harikesh S. Nair et al., "Asymmetric Social Interactions in Physician Prescription Behavior: The Role of Opinion Leaders," *Journal of Marketing Research*, 47(5), 2010 ("Nair et al. (2010)", pp. 883–895 at p. 889; and Tat

example, a study by Venkataraman and Stremersch (2007) documents large variation in the number of manufacturer symposium meetings attended by each physician.<sup>185</sup> Moreover, Carney et al. (2001) find that physicians from different specialties attended CME events at different frequencies.<sup>186</sup>

98. This is also true for Actiq and Fentora. During the proposed period of the allegations, different medical providers were exposed to different levels of detailing and other promotional activities for Actiq and Fentora. For example, Cephalon's 2005 Marketing Plan for Actiq targeted only a limited number of physicians, specifically "oncologists, pain specialists and selected physicians skilled in the use of opioid with the potential to treat cancer pain."<sup>187</sup> The plan also states that 920 physicians who prescribed Actiq received less than one call from territory sales specialists.<sup>188</sup> Moreover, Cephalon's marketing plans indicate that some specialties, such as general surgeons, pediatricians, and dentists, were not detailed due to contraindications with the medicine.<sup>189</sup> Physicians who solely prescribed combination products, such as Percocet, Vicodin, and Lortab, were also excluded because they were considered to be less skilled in the use of opioids.<sup>190</sup>

99. Aside from detailing, the Teva Defendants also sponsored other types of activities, such as CME programs. However, not all prescribers participated in such programs. For example, Cephalon's 2002 Marketing Plan states that it is difficult to recruit clinicians for CME programs, and that around 750 clinicians (physicians, nurses, and pharmacists) across the country participated in the CME teletopics programs between January and September of 2001.<sup>191</sup>

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Chan et al., "Treatment Effectiveness and Side Effects: A Model of Physician Learning," *Management Science*, 59(6), 2013 ("Chan et al. (2013)"), pp. 1309–1325 at pp. 1312.

<sup>185</sup> Venkataraman and Stremersch (2007), p. 1692.

<sup>186</sup> "Sixty-two per cent of general practitioners and 71% of psychiatrists attended at least three industry-organized meetings each year, compared with 24% of physicians." See, S. L. Carney et al., "Pharmaceutical Industry-Sponsored Meetings: Good Value or Just a Free Meal?," *Internal Medicine Journal*, 31(8), 2001, pp. 488–491 at p. 488.

<sup>187</sup> Cephalon Marketing Plan, "2005 ACTIQ Marketing Plan," 2005 ("Cephalon 2005 Actiq Marketing Plan"), TEVA\_MDL\_A\_00455000–83 at TEVA\_MDL\_A\_00455014.

<sup>188</sup> Cephalon 2005 Actiq Marketing Plan at TEVA\_MDL\_A\_00455019.

<sup>189</sup> See, for example, Cephalon 2002 Actiq Marketing Plan at TEVA\_MDL\_A\_00454829; Cephalon 2004 Actiq Marketing Plan at TEVA\_MDL\_A\_00454957; and Cephalon 2005 Actiq Marketing Plan at TEVA\_MDL\_A\_00455014.

<sup>190</sup> Cephalon 2005 Actiq Marketing Plan at TEVA\_MDL\_A\_00455014.

<sup>191</sup> Cephalon 2002 Actiq Marketing Plan at TEVA\_MDL\_A\_00454837.

100. Physicians may receive general payments from pharmaceutical manufacturers for various activities, such as attending speaker programs, consulting arrangements, or participating in lunch meetings. The wide variation observed in the Teva Defendants' payment information is further evidence of the heterogeneity in exposure to the Teva Defendants' marketing activities. For example, according to the Teva Defendants' internal data, an average of 440 healthcare providers in the U.S. received ten dollars or less per year between 2010 and 2015, often for a single meal reimbursement.<sup>192</sup> Open Payments Data show that between August 2013 and December 2015, an average of only 34 physicians in the U.S. received payments equal to or exceeding \$10,000 each year from the Teva Defendants for their opioid medicines, and an average of 31 physicians in the U.S. received only \$10 or less each year from the Teva Defendants for their at-issue opioids.<sup>193</sup> Moreover, between 2010 and 2017, an average of 86 out of 31,948 Ohio physicians received payments from the Teva Defendants each year according to the Teva Defendants' internal data.<sup>194</sup> Similarly, between August 2013 and December 2017, an average of 29 out of 33,030 Ohio physicians received payments from the Teva Defendants each year according to Open Payments Data.<sup>195</sup> According to both data sources, the Teva Defendants did not pay any Ohio physicians in relation to their at-issue opioid medicines in 2017.

101. Thus, evidence in this matter demonstrates that physicians were not equally exposed to the Teva Defendants' marketing messages, consistent with findings from the academic literature. Indeed, many prescribers received limited marketing from the Teva Defendants or were likely not marketed to at all. Physicians who were not exposed to any of the Teva Defendants' marketing messages are less likely to have been affected by the alleged

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<sup>192</sup> TEVA\_MDL\_A\_03413816.

<sup>193</sup> Within the brand and generic names of the prescription opioids identified in the Cuyahoga County and Summit County Complaints, the Teva Defendants made payments to healthcare providers in relation to Fentora, hydrocodone, and hydrocodone bitartrate/acetaminophen. See, Open Payments Data; Cuyahoga Complaint; and Summit Complaint.

<sup>194</sup> The number of active Ohio physicians are based on Ohio Physician Workforce Profile by Association of American Colleges ("AAMC") Center for Workforce Studies. It is an average of the number of active Ohio physicians in 2010 (30,485 active Ohio physicians), 2012 (31,248 active Ohio physicians), 2014 (32,438 active Ohio physicians), and 2016 (33,621 active Ohio physicians). See, TEVA\_MDL\_A\_03413816; AAMC, "2011 State Physician Workforce Data Book," November 2011, p. 9; AAMC, "Ohio Physicians Workforce Profile," 2013; AAMC, "Ohio Physicians Workforce Profile," 2015; and AAMC, "Ohio Physicians Workforce Profile," 2017.

<sup>195</sup> The number of active Ohio physicians are based on Ohio Physician Workforce Profile by AAMC Center for Workforce Studies. It is an average of the number of active Ohio physicians in 2014 (32,438 active Ohio physicians), and 2016 (33,621 active Ohio physicians). See, Open Payments Data; AAMC, "Ohio Physicians Workforce Profile," 2015; and AAMC, "Ohio Physicians Workforce Profile," 2017.

misrepresentations by the Teva Defendants. And to the extent prescriptions by these physicians resulted in patients abusing or becoming dependent on opioids, it is less likely to have been caused by the alleged misrepresentations by the Teva Defendants.

## **IX. Dr. Rosenthal Fails to Consider Other Factors Aside from Promotions and Prices that Influence Physicians' Prescribing Decisions**

102. As I discussed above, physicians prescribing decisions are individualized, thereby generating large heterogeneity in how prescribers respond to promotional activities by pharmaceutical companies. Putting aside this heterogeneity, Dr. Rosenthal assumes that sales of prescription opioids during the proposed period of allegations were driven only by the manufacturer Defendants' marketing activities, the price of opioid medicines, and timeline of key events. This contradicts the academic literature in economics and marketing,<sup>196</sup> the Teva Defendants' internal documents, as well as the Summit County Physician Survey, a survey of Ohio physicians issued by the State of Ohio Medical Board,<sup>197</sup> all of which show that there are many other factors influencing physician' prescribing decisions. In particular, the Summit County Physician Survey finds that "[c]ertain factors such as . . . pharmaceutical marketing did not overtly change opiate prescribing habits."<sup>198</sup>

103. Numerous academic articles and industry surveys analyze the impact of pharmaceutical promotion on physicians' prescribing decisions.<sup>199</sup> While, *in aggregate*, promotion can increase the number of prescriptions written for the marketed medicine, the literature also shows that the effect of medicine promotion on physicians' prescribing decisions is highly dependent on scientific literature, physician characteristics, patient characteristics, and other factors.<sup>200</sup>

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<sup>196</sup> Pierre Azoulay, "Do Pharmaceutical Sales Respond to Scientific Evidence?," *Journal of Economics & Management Strategy*, 11(4), 2002 ("Azoulay (2002)"), pp. 551–594; Chintagunta et al. (2009); Andrea Cosselli, "The Importance of Doctors' and Patients' Preferences in the Prescription Decision," *The Journal of Industrial Economics*, 48(3), 2000, pp. 349–369; Ching and Ishihara (2010); Janakiraman et al. (2008); and Venkataraman and Stremersch (2007).

<sup>197</sup> Summit County Physician Survey.

<sup>198</sup> Summit County Physician Survey at SUMMIT\_000839799.

<sup>199</sup> Manchanda et al. (2004); Manchanda and Chintagunta (2004); Nair et al. (2010); and Janakiraman et al. (2008).

<sup>200</sup> For example, a physician survey conducted by Datamonitor in 2009 found that "physician prescription choice in the treatment of cancer pain is driven by both non-drug and drug factors. Non-drug factors which may influence prescribing decisions include published guidelines, published journal articles, the views of key opinion leaders,

104. However, Plaintiffs' experts consider none of these factors, and therefore, Plaintiffs' experts cannot establish the contribution of the manufacturer Defendants' marketing activities, if any, to the increased prescriptions and sales of opioid medicines. Neither can Plaintiffs' experts establish the contribution of the Teva Defendants' marketing activities (much less false marketing activities), if any, to the increased prescriptions and sales of opioid medicines. The factors that have been found to influence physicians' prescribing decisions are described next.

**A. Dr. Rosenthal Does Not Consider that Physicians' Prescribing Decisions Are Influenced by Scientific Evidence**

105. Scientific evidence is an important source of information to providers who prescribe opioids. For example, the World Health Organization ("WHO") recommends that physicians use medical journals to "keep up-to-date about drugs."<sup>201</sup> Physicians are also encouraged to rely on review articles published in general medical journals and on "detailed information on drug therapy" described in specialized journals to inform their prescription choice.<sup>202</sup> Consistent with such recommendations, academic literature finds that physicians consider scientific evidence to be a key source of information about medicines when making prescribing decisions.<sup>203</sup> For example, Azoulay (2002) examines the anti-ulcer medicine category and finds that scientific evidence from clinical trials directly influences physicians' prescribing behavior.<sup>204</sup> Furthermore, Chintagunta et al. (2009) find that academic articles play an important role in physicians' prescription choices of Cox-2 Inhibitors.<sup>205</sup> Consistent with the academic literature, a physician survey conducted by Datamonitor in 2009 finds that

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information conveyed at conferences and information communicated by pharmaceutical companies via representatives. Drug factors influencing physicians' prescribing decisions relate to the clinical attributes of available drug treatments and include: efficacy in reducing pain, onset of action, lack of drug-drug interaction, duration of action, overall side-effect profile, flexible dosing frequency, cost issues, and physician product familiarity, whether the drug is recommended in treatment guidelines and finally route of administration." See, Datamonitor 2009 Report at TEVA\_MDL\_A\_07393111.

<sup>201</sup> T.P.G.M. de Vries et al., "Guide to Good Prescribing: A Practical Manual," World Health Organization DAP No. 94.11, 1994 ("WHO Report (1994)'), pp. 86-94.

<sup>202</sup> WHO Report (1994), p. 88.

<sup>203</sup> Azoulay (2002); Chintagunta et al. (2009).

<sup>204</sup> Azoulay (2002).

<sup>205</sup> Chintagunta et al. (2009).

published guidelines and journal articles are the top two non-medicine factors influencing physicians' prescribing decisions for cancer pain.<sup>206</sup>

106. In addition, scientific evidence does not affect all physicians' decisions in a uniform manner. A 2011 study finds that the extent to which news and scientific articles about a medicine affect physicians' prescribing decisions varies greatly.<sup>207</sup> Specifically, the authors find that physicians with specialized training, as well as those with more experience treating the disease for which the medicine is indicated, were influenced less by new information.<sup>208</sup> Further, physicians react to different types of information depending on their specialty. In particular, specialists and hospital-based physicians only react to patient feedback and negative news articles, while office based physicians pay attention to both positive and negative information from all sources.<sup>209</sup>

107. Finally, I note that Plaintiffs' experts claim that certain medical publications received financial support from various manufacturer Defendants at various times and thus contain alleged false and misleading statements. However, as I discuss in Section XI, many academic publications did not receive financial support from the Teva Defendants, and thus are not part of the alleged false and misleading information upon which physicians would have relied. Even if the Teva Defendants were deemed responsible for the content of publications for which they provided financial support, which I understand they were not, a proper analysis would have to disentangle the effects of the Teva Defendants' alleged false and misleading statements from a multitude of other factors, including undisputed statements in these publications, as well as published scientific evidence that did not receive financial support from the Teva Defendants or from the other manufacturer Defendants.

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<sup>206</sup> Datamonitor 2009 Report at TEVA\_MDL\_A\_07393112. Specifically, when a sample of U.S. physicians were asked to distribute 100 points across pre-specified non-medicine factors to indicate their relative importance, the average weights assigned by these physicians for published guidelines, published journal articles, opinion leaders, conferences, and pharmaceutical representatives were 32, 25, 18, 17, and 8 respectively.

<sup>207</sup> Ajay Kalra et al., "Understanding Responses to Contradictory Information About Products," *Marketing Science*, 30(6), 2011 ("Kalra et al. (2011)"), pp. 1098–1114 at p. 1108.

<sup>208</sup> Kalra et al. (2011), pp. 1112–1113.

<sup>209</sup> Kalra et al. (2011), pp. 1109–1110.

**B. Dr. Rosenthal Does Not Consider that Physicians' Prescribing Decisions Are Influenced by Health Insurance Coverage of Prescription Medicines**

108. A medicine's health insurance coverage is another factor affecting a physician's choice of which medicine to prescribe. Rector et al. (2003) analyze pharmacy claims between 1998 and 1999 and find that tiered prescription copayments (where medicines are classified into tiers with different copayment levels) influence physicians' prescribing decisions.<sup>210</sup> Mager and Cox (2007) find that "step therapy, prescription drug benefit type, and generic/preferred-brand copayment differential" could encourage physicians to prescribe more preferred medicines.<sup>211</sup> Dillender (2018) also finds that patients who are "subject to the prior authorization requirement are nearly half as likely to receive a non-preferred drug" and that physicians "substitute to preferred drugs when subject to prior authorization."<sup>212</sup>

109. Studies also find that health insurance restrictions for a set of patients can affect physicians' prescribing decisions for their other patients. For example, Wang and Pauly (2005) find that when a large percentage of a physician's patients have favorable health plan coverage for a particular medicine, the physician will tend to favor this medicine for all of his or her patients (even those for whom the medicine has poor health plan coverage), an effect known as the "spillover effect."<sup>213</sup> Ketcham and Epstein (2006) confirm a similar effect.<sup>214</sup> Relatedly, they find that physicians are less likely to prescribe medicines not covered by the

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<sup>210</sup> Thomas S. Rector et al., "Effect of Tiered Prescription Copayments on the Use of Preferred Brand Medications," *Medical Care*, 41(3), 2003, pp. 398–406.

<sup>211</sup> Douglas E. Mager and Emily R. Cox, "Relationship Between Generic and Preferred-Brand Prescription Copayment Differentials and Generic Fill Rate," *The American Journal of Managed Care*, 13(6), 2007, pp. 347–352 at pp. 350–351.

<sup>212</sup> Marcus Dillender, "What Happens When the Insurer Can Say No? Assessing Prior Authorization as a Tool to Prevent High-Risk Prescriptions and to Lower Costs," *Journal of Public Economics*, 165(1), 2018, pp. 170–200 at p. 171.

<sup>213</sup> Y. Richard Wang and Mark V. Pauly, "Spillover Effects of Restrictive Drug Formularies on Physician Prescribing Behavior: Evidence from Medicaid," *Journal of Economics & Management Strategy*, 14(3), 2005, pp. 755–773; and Suchin Virabhak and Judith A. Shinogle, "Physicians' Prescribing Responses to a Restricted Formulary: The Impact of Medicaid Preferred Drug Lists in Illinois and Louisiana," *The American Journal of Managed Care*, 11(Special Issue), 2005, pp. SP14–SP20.

<sup>214</sup> Jonathan D. Ketcham and Andrew J. Epstein, "Which Physicians are Affected Most by Medicaid Preferred Drug Lists for Statins and Antihypertensives?," *Pharmacoeconomics*, 24(3), 2006 ("Ketcham and Epstein (2006)"), pp. 27–40 at pp. 32–33 ("Physicians also reported that PDLs [*i.e.* preferred drug lists] affected drug choice for both Medicaid and non-Medicaid patients and the decision to treat new Medicaid patients at all. The average physician wrote 39% of prescriptions for Medicaid patients for drugs they viewed as inferior for the patient. Patients received no prescription an additional 4% of the time because the physician's preferred medication was not included on the PDL. Thirty percent of physicians indicated that Medicaid PDLs led to decreases in their likelihood of prescribing drugs not covered by the PDL for non-Medicaid patients.").

Medicaid preferred medicine list not only for Medicaid patients but also for non-Medicaid patients.<sup>215</sup>

110. Consistent with academic literature, the Teva Defendants' internal documents show that health plan reimbursement is an important factor affecting physicians' prescribing decisions.<sup>216</sup> For example, a 2006 Cancer Breakthrough Pain Market Assessment prepared by Synovate Healthcare for Cephalon finds that patients' ability to afford co-pays is one factor that influenced physicians' prescribing behaviors.<sup>217</sup> Some physicians "say that cost to the patients (co-pay) . . . impacts the use of Actiq. If the insurance required a high co-pay, the physician will find a lower priced drug for the patient."<sup>218</sup> In addition, a 2008 field study conducted by Cephalon notes that an overwhelming majority of Cephalon's sales force found patients' perception of cost negatively impacted physicians' prescription of Fentora and that physicians routinely complain about high co-pays for Fentora.<sup>219</sup> One Cephalon sales employee stated that the sales force "desperately need[ed] co-pay vouchers to answer concerns of cost to patient [for Fentora relative to the cost to patient for] generic OTFC."<sup>220</sup> The employee also mentioned that cost to patient was the "biggest hurdle" that physicians had in regards to prescribing Fentora.<sup>221</sup> Similarly, Cephalon's 2010 marketing plan for Fentora states that due to the increasing "managed-care barriers to reimbursement such as prior authorizations," prescribers are more inclined to "choose simpler and more familiar alternatives like the low-cost generic SAOs [(Short-Acting Opioids)]" instead of rapid-onset opioids such as Actiq and Fentora.<sup>222</sup> In fact, this marketing plan identifies the high co-pay for Fentora as a factor that deters patients from using the medicine.<sup>223</sup>

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<sup>215</sup> Ketcham and Epstein (2006), p. 34.

<sup>216</sup> Synovate Healthcare Presentation, "Cancer Breakthrough Pain Market Assessment," December 18, 2006 ("Synovate 2006 Presentation"), TEVA\_MDL\_A\_00733052; Cephalon Presentation, "PCS Field Survey Findings: October 2008 PCS POA Meeting," October 14, 2008 ("Cephalon 2008 Field Survey Findings"), TEVA\_MDL\_A\_00734173–279 at TEVA\_MDL\_A\_00734192, TEVA\_MDL\_A\_00734240; and Cephalon Brand Plan, "FENTORA 2010 Brand Plan," 2010 ("Cephalon 2010 Brand Plan"), TEVA\_MDL\_A\_00550892–960 at TEVA\_MDL\_A\_00550897, TEVA\_MDL\_A\_00550916, TEVA\_MDL\_A\_00550938, TEVA\_MDL\_A\_00550945–7.

<sup>217</sup> Synovate 2006 Presentation, p. 34.

<sup>218</sup> Synovate 2006 Presentation, p. 48.

<sup>219</sup> Cephalon 2008 Field Survey Findings at TEVA\_MDL\_A\_00734240.

<sup>220</sup> Cephalon 2008 Field Survey Findings at TEVA\_MDL\_A\_00734200.

<sup>221</sup> Cephalon 2008 Field Survey Findings at TEVA\_MDL\_A\_00734200.

<sup>222</sup> Cephalon 2010 Brand Plan at TEVA\_MDL\_A\_00550916.

<sup>223</sup> Cephalon 2010 Brand Plan at TEVA\_MDL\_A\_00550916.

**C. Dr. Rosenthal Does Not Consider that Physicians' Prescribing Decisions Are Influenced by Physician Characteristics, as well as Physician and Patient Experience**

111. Physicians' characteristics also affect their prescription choices. Physicians' medical specialty, the quality of their education, their medical judgment and philosophy, and their prior experiences affect their medicine choices, to whom they prescribe, and how much of a medicine they prescribe. These factors have been analyzed with respect to different medicine categories, including opioid medicines.

112. A recent study documents the effect of physician education on the prescribing of opioid medicines. Schnell and Currie (2018) find that, even within the same specialty and practice location, physicians who completed their initial training at top medical schools write significantly fewer opioid prescriptions annually compared to physicians from lower-ranked schools.<sup>224</sup>

113. Physician specialty also affects prescribing behavior. In a 2004 article, my colleagues and I find that physicians in specialties directly related to the indication of the medicine are more responsive to detailing than primary care physicians and physicians in other specialties.<sup>225</sup> Volkow et al. (2011) find that physicians tend to prescribe different quantities of opioid medicines depending on their specialties.<sup>226</sup> Specifically, primary care physicians, internists, dentists, and orthopedic surgeons prescribe more opioids than physicians in other specialties.<sup>227</sup>

114. Academic literature also finds that physician and patient feedback are important for future prescribing decisions. For example, in a 2009 study, my coauthors and I examine how physicians use different sources of information to learn about medicine quality. We show that physicians learn from patients' experiences with the medicine, among other things, and since different physicians interact with different patients, each with different experiences,

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<sup>224</sup> Molly Schnell and Janet Currie, "Addressing the Opioid Epidemic: Is There a Role for Physician Education?," *American Journal of Health Economics*, 4(3), 2018, pp. 383–410 at p. 383.

<sup>225</sup> Manchanda and Chintagunta (2004), p. 139.

<sup>226</sup> Nora D. Volkow et al., "Characteristics of Opioid Prescriptions in 2009," *Journal of the American Medical Association*, 305(13), 2011 ("Volkow et al. (2011)"), pp. 1299–1301.

<sup>227</sup> Volkow et al. (2011).

physicians' prescribing decisions are individualized.<sup>228</sup> Studies also find that physicians take into account the experience of their previous patients when deciding whether to prescribe a medicine for their future patients.<sup>229</sup>

115. The Teva Defendants' internal documents show that patient experience also affects physicians' prescribing decisions. For example, Cephalon's 2007 internal research report shows that some physicians were reluctant to switch from Actiq to Fentora because "patients have strong feelings about their ACTIQ and feel it is very effective and easy to use."<sup>230</sup> Many prescribers of the Teva Defendants' opioid products reported using patient feedback to monitor the success of pain therapy. For example, a Fentora brand research report from 2007 finds that physicians "react favorably to the idea of patient preference, but primarily view the [patient preference] information as additional justification that Fentora is effective."<sup>231</sup>

116. Aside from patient experience, physicians' familiarity with the medicine also affects their prescribing decisions. For example, a 2006 Cancer Breakthrough Pain Market Assessment prepared by Synovate Healthcare for Cephalon finds that physicians often view familiarity and comfort with a medicine as a key factor impacting their prescribing behaviors.<sup>232</sup> Generally, "familiarity means that [physicians] understand the mechanism of action of a certain medicine and what side effects that they can expect."<sup>233</sup> Consistent with the findings by Synovate Healthcare above, the Teva Defendants' internal documents show that physicians prescribed Actiq and Fentora because they were familiar with other forms of fentanyl. For example, a Fentora brand research report shows that "[physicians'] familiarity and comfort with fentanyl is a motivator" for them to prescribe Fentora.<sup>234</sup>

117. The Teva Defendants' internal documents also note that physicians have different philosophies for treating pain, which affect the choice of medicine they prescribe.<sup>235</sup> For

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<sup>228</sup> Chintagunta et al. (2009).

<sup>229</sup> Lisa D. Spiller and Walter W. Wymer, Jr., "Physicians' Perceptions and Uses of Commercial Drug Information Sources: An Examination of Pharmaceutical Marketing to Physicians," *Health Marketing Quarterly*, 19(1), 2001, pp. 91–106.

<sup>230</sup> Harper Presentation, "ACTIQ Writers Exploration," September 28, 2007 ("Harper 2007 Presentation"), TEVA\_MDL\_A\_00339154, p. 6.

<sup>231</sup> Synovate Healthcare Report, "FENTORATM Bond and Barrier Brand Research (DRAFT Report)," June 29, 2007 ("Synovate 2007 Draft Report"), TEVA\_MDL\_A\_00715825, p. 44.

<sup>232</sup> Synovate 2006 Presentation, p. 34.

<sup>233</sup> Synovate 2006 Presentation, p. 34.

<sup>234</sup> Synovate 2007 Draft Report, p. 26.

<sup>235</sup> Cephalon 2002 Actiq Marketing Plan at TEVA\_MDL\_A\_00454824.

example, Cephalon's 2002 marketing plan for Actiq notes that some physicians are "focused on delaying disease progression and are less concerned with symptom management," and, thus, may not use Actiq.<sup>236</sup>

#### **D. Dr. Rosenthal Does Not Consider that Physicians' Prescribing Decisions Depend on Patient Characteristics**

118. Patient-specific characteristics are also an important factor in a physician's decision to prescribe a particular medicine. Academic literature finds that physicians take into account factors such as age, gender, severity of illness, and reported levels of satisfaction when choosing which medicine to prescribe.<sup>237</sup> For example, Kalra et al. (2011) find that "[b]esides obvious variables such as the patient's gender, age, and insurance coverage, other patient characteristics such as disease severity play an important role in physicians' prescription decisions."<sup>238</sup> Similarly, Green et al. (2003) find that patient characteristics affect the provision of adequate pain management.<sup>239</sup> In a 2009 study, my coauthors and I find that "prescription choice is sensitive to many sources of information, including patient satisfaction."<sup>240</sup>

119. Moreover, a 2006 Cancer Breakthrough Pain Market Assessment prepared for Cephalon by Synovate Healthcare finds that, when asked what factors impact their prescribing behaviors, physicians commonly mentioned that prescribing decisions are made on a patient-to-patient basis.<sup>241</sup> The study finds that patient factors such as cancer type, age, tolerance, side effects, patient education, and ability all influence their prescribing decisions.<sup>242</sup> The study finds that "often [physicians] will [choose] various modes of administration to match the patient needs, i.e. the patch for the active or those who can't swallow, or Actiq for those who can't swallow, etc."<sup>243</sup>

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<sup>236</sup> Cephalon 2002 Actiq Marketing Plan at TEVA\_MDL\_A\_00454824.

<sup>237</sup> Chintagunta et al. (2009); Chan et al. (2013); and Kalra et al. (2011).

<sup>238</sup> Kalra et al. (2011), p. 1102.

<sup>239</sup> Carmen R. Green et al., "Clinical Decision Making in Pain Management: Contributions of Physician and Patient Characteristics to Variations in Practice," *The Journal of Pain*, 4(1), 2003, pp. 29–39.

<sup>240</sup> Chintagunta et al. (2009), p. 440.

<sup>241</sup> Synovate 2006 Presentation, p. 34.

<sup>242</sup> Synovate 2006 Presentation, p. 34.

<sup>243</sup> Synovate 2006 Presentation, p. 81.

**E. Dr. Rosenthal Does Not Consider that Physicians' Prescribing Decisions Are Influenced by Medicine Characteristics**

120. Medicine characteristics also influence physicians' prescribing decisions. Chan et al. (2013) study how side effects and treatment effectiveness influence a physician's prescribing decisions.<sup>244</sup> The authors state that "the importance of learning on multiple product attributes certainly applies to the choice of prescription drugs . . . The value of a drug, among others, depends on the trade-off between treatment effectiveness and side effects."<sup>245</sup> When simulating a physician's prescription choices, the authors consider the physician's expectations of the effectiveness and side effects of each medicine as the main factor in the physician's decision.<sup>246</sup> Similarly, Schumock, et al. (2004) find that "important drug-related considerations include, among others, efficacy, safety, administration, and cost."<sup>247</sup> Pegler and Underhill (2010) suggest that physicians consider factors such as medicine safety, tolerability, and effectiveness when making new medicine prescribing decisions.<sup>248</sup>

121. Consistent with academic literature, practical guidelines and industry surveys also acknowledge medicine characteristics as one of the factors driving physicians' prescribing decisions. For example, the WHO identified effectiveness and safety as two factors that a physician should check when determining the suitability of the medicines he or she will prescribe regularly.<sup>249</sup> Specifically related to breakthrough cancer pain, a physician survey conducted by Datamonitor in 2009 finds that at least ten different medicine factors influence physicians' prescribing decisions for breakthrough cancer pain. While overall efficacy was perceived as the most important medicine factor influencing physicians' prescribing decisions, factors such as onset of action, cost issues, lack of medicine-medicine interaction, physician product familiarity, duration of action, recommended in-treatment guidelines, overall side-

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<sup>244</sup> Chan et al. (2013), p. 1309.

<sup>245</sup> Chan et al. (2013), p. 1309.

<sup>246</sup> Chan et al. (2013), p. 1324.

<sup>247</sup> Glen T. Schumock et al., "Factors that Influence Prescribing Decisions," *The Annals of Pharmacotherapy*, 38(4), 2004, pp. 557–562.

<sup>248</sup> Scott Pegler and Jonathan Underhill, "Evaluating the Safety and Effectiveness of New Drugs," *American Family Physician*, 82(1), 2010, pp. 53–57.

<sup>249</sup> WHO Report (1994), p. 51.

effect profile, convenient or less invasive route of administration, and flexible dosing frequency would also affect physicians' prescribing decisions.<sup>250</sup>

122. Internal documents from the Teva Defendants confirm that efficacy and other medicine characteristics are reasons physicians prescribe Actiq and Fentora. For example, a 2006 study prepared for Cephalon finds that 79 percent of surveyed physicians selected efficacy as an advantage of Actiq over other medicines for treating breakthrough pain.<sup>251</sup> Similarly, 67 percent of surveyed physicians chose rapid onset of action as one of Actiq's advantages over other medicines.<sup>252</sup> Another internal study prepared for Cephalon states that “[physicians] feel that the main benefit of ACTIQ is the rapid onset,” while disadvantages of alternatives of Actiq include their “poor onset of action.”<sup>253</sup> This is also true of Fentora: onset of action is the Fentora message that “resonates most strongly” with physicians and is the top message motivating physicians to prescribe Fentora.<sup>254</sup> Physicians also rated “fast acting, quick onset” as “the most important feature of Fentora.”<sup>255</sup>

123. Evidence in this matter indicates that Actiq and Fentora’s transmucosal delivery system is another reason physicians prescribe these medicines. For example, a 2007 brand research report by the Teva Defendants states that Fentora’s “unique delivery mechanism” is a motivator for physicians to prescribe Fentora.<sup>256</sup> A physician who historically prescribed Fentora added that the medicine’s delivery through buccal mucosa is appealing for patients with swallowing problems.<sup>257</sup>

124. In summary, there are many factors aside from those considered by Plaintiffs and their experts that affect physicians’ prescribing behavior. Therefore, in the absence of any supporting evidence, Plaintiffs’ experts cannot establish the contribution of the manufacturer

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<sup>250</sup> Datamonitor 2009 Report at TEVA\_MDL\_A\_07393115. Specifically, when a sample of U.S. physicians were asked to distribute 100 points across pre-specified medicine factors to indicate their relative importance, overall efficacy was given an average weight of 31 and onset of action, cost issues, lack of medicine-medicine interaction, physician product familiarity, duration of action, recommended in treatment guidelines, overall side-effect profile, convenient or less invasive route of administration, and flexible dosing frequency were given weights between 5 and 11.

<sup>251</sup> Ziment Presentation, “2006 Breakthrough Pain MDS (Final Report),” October 2006 (“Ziment 2006 Presentation”), TEVA\_MDL\_A\_00711329, p. 33.

<sup>252</sup> Ziment 2006 Presentation, p. 33.

<sup>253</sup> Harper 2007 Presentation, pp. 9, 12.

<sup>254</sup> Ziment Presentation, “FENTORA Detail Messaging Evaluation Study (Wave 2),” January 2008, TEVA\_MDL\_A\_00339145, pp. 3, 8.

<sup>255</sup> Synovate 2007 Draft Report, p. 25.

<sup>256</sup> Synovate 2007 Draft Report, p. 24.

<sup>257</sup> Synovate 2007 Draft Report, p. 25.

Defendants' marketing activities, if any, to the increased prescriptions and sales of opioid medicines. Neither can Plaintiffs' experts establish the contribution of the Teva Defendants' marketing activities (much less false marketing activities), if any, to the increased prescriptions and sales of opioid medicines.

#### **X. Dr. Rosenthal's Negative Depreciation Rate Is Implausible and Unsupported by the Academic Literature**

125. Dr. Rosenthal models detailing as a "stock" when analyzing the relationship between detailing contacts and opioid sales, where the detailing stock is equal to the detailing of the current period plus (1- depreciate rate) times the detailing stock of the previous period.<sup>258</sup> The intuition for modeling detailing as a stock is that physicians remember not only detailing efforts received in the current period, but also detailing efforts received in the prior periods. The lower the depreciation rate, the greater the potential effect of past detailing on physicians because physicians remember past detailing to a greater extent.

126. Dr. Rosenthal allows the depreciation rate to be negative,<sup>259</sup> which means that, given the estimated effect of the stock of detailing on sales, past detailing has a greater influence on physician prescribing than current detailing. This position contradicts basic facts about marketing and is unsupported by the academic literature. As discussed below, research considers depreciation rates between *zero* and *one*. A depreciation rate of zero means that past detailing and current detailing contribute equally to the detailing stock, which is possible if physicians do not forget the information they received from detailing in the past. In contrast, a depreciation rate of one means that physicians only remember the information from the current detailing visit. Thus, past detailing cannot influence their prescribing decisions.

127. Academic research in marketing, including in the pharmaceutical industry, uses positive depreciation rates. For example, Nerlove and Arrow (1962) explain in their seminal work on the stock of marketing that "[r]egardless of its precise effects on the demand function, advertising expenditure at any one time may be expected to lose its effectiveness in

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<sup>258</sup> Rosenthal Report, ¶ 33.

<sup>259</sup> Rosenthal Report, ¶ 72.

subsequent periods.”<sup>260</sup> This is also supported by other research, including by articles cited by Dr. Rosenthal in her report. Azoulay (2002) uses a monthly depreciation rate of 5 percent for detailing stock when studying the effect of marketing on physicians’ prescription choices of antiulcer medicines.<sup>261</sup> Datta and Dave (2017) use a monthly depreciation rate of 20 percent when studying the effects of detailing and sampling on physician prescribing behavior for a branded medicine used for the treatment of herpes infections.<sup>262</sup> The authors also perform analyses using monthly depreciation rates ranging from 0 to 40 percent.<sup>263</sup> Furthermore, Narayanan et al. (2005) use a monthly depreciation rate of 30 percent when analyzing the role of marketing communications on the antihistamines market in the United States.<sup>264</sup> Thus, the academic literature consistently uses a non-negative depreciation rate, consistent with the intuition that the depreciation rate reflects the share of the previous detailing stock that physicians “forget” from one period to the next. In fact, Dr. Rosenthal acknowledges in her testimony that she is not aware of any academic literature that uses a negative depreciation rate.<sup>265</sup>

128. In contrast to this evidence, Dr. Rosenthal’s “preferred model” estimates a depreciation rate of -0.0067, implying that past detailing contacts can have a greater—and not a weaker—effect over time.<sup>266</sup> This would mean that even a single detailing call will keep accumulating over time and will eventually drive the total detailing stock to an infinitely large amount. This is illogical.

129. Dr. Rosenthal asserts that “[w]hile this prediction may be at odds with the usual marketing literature, it is perfectly consistent with an addictive product like opioids.”<sup>267</sup>

According to Dr. Rosenthal, the addictive properties of opioids cause past detailing visits to

<sup>260</sup> Marc Nerlove and Kenneth J. Arrow, “Optimal Advertising Policy Under Dynamic Conditions,” *Economica*, 29(114), 1962, pp. 129–142 at p. 130.

<sup>261</sup> Azoulay (2002), p. 570.

<sup>262</sup> Anusua Datta and Dhaval Dave, “Effects of Physician-Directed Pharmaceutical Promotion on Prescription Behaviors: Longitudinal Evidence,” *Health Economics*, 26, 2017 (“Datta and Dave (2017)”), pp. 450–468 at pp. 453, 457.

<sup>263</sup> Datta and Dave (2017), at p. 457.

<sup>264</sup> Sridhar Narayanan et al., “Temporal Differences in the Role of Marketing Communication in New Product Categories” *Journal of Marketing Research*, 42(3), 2005, pp. 278–290 at pp. 279, 284.

<sup>265</sup> Rosenthal Deposition, pp. 258:6–260:6 (“Q. Okay. As you sit here right now, do you know of any literature, whether related to nonaddictive or addictive products, that has a negative depreciation rate? A. I cannot point to any other study, no.”).

<sup>266</sup> Rosenthal Report, ¶ 72.

<sup>267</sup> Rosenthal Report, ¶ 72.

have a greater effect on sales than current detailing visits.<sup>268</sup> To support this claim, Dr. Rosenthal references the following statement from Dr. Perri: “because prescription opioids may result in tolerance, dependence, and/or addiction, the overall ‘demand’ for opioids is distorted by pharmaceutical marketing.”<sup>269</sup> However, in this explanation Dr. Rosenthal appears to be conflating the impact of detailing with the depreciation rate. Indeed, as Datta and Dave (2017) warn, a depreciation rate determined by letting a model find a value for this rate, as Professor Rosenthal did, may be problematic because an “unbiased estimate of the depreciation rate would require a detailed structural modeling of promotion and prescription behaviors; without which, it would be difficult to disentangle the coefficient of the detailing stock from the depreciation rate.”<sup>270</sup>

130. In sum, Dr. Rosenthal’s conclusion of a negative depreciation rate is illogical from a conceptual perspective and is at odds with the findings of academic literature. Because the depreciation rate will influence her estimated coefficient on the effect of promotion on opioid sales, Dr. Rosenthal’s conclusion regarding the effect of promotional efforts on the sales of opioid products is unfounded and unreliable.

## **XI. The Academic Articles Sponsored by the Teva Defendants Had Limited Impact, If Any, on the Information Available to Physicians from 2004 to 2017**

131. Plaintiffs claim that the manufacturer Defendants “commissioned, edited, and arranged for the placement” of publications that supported alleged misrepresentations.<sup>271</sup> However, Plaintiffs’ experts fail to analyze the extent to which the academic articles sponsored by the Teva Defendants affected the information available to physicians; whether the articles had any impact on the information available to physicians and payers; and the impact of such alleged misrepresentations on the decisions of physicians and payers.

132. In this section, I show that the majority of the academic publications discussing opioids for treating pain are not sponsored by the Teva Defendants. Moreover, the “influence” of the academic publications that are sponsored by the Teva Defendants (measured by the number of citations of these articles) is similar to that of other academic publications about the use of

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<sup>268</sup> Rosenthal Report, ¶ 72.

<sup>269</sup> Rosenthal Report, ¶ 72; and Perri Report, pp. 16–17.

<sup>270</sup> Datta and Dave (2017), p. 457.

<sup>271</sup> Cuyahoga Complaint, ¶¶ 415–420.

opioids to treat pain. In particular, the “influence” of academic publications sponsored by the Teva Defendants is lower than the “influence” of the academic publications sponsored only by the U.S. government. Based on this evidence, I conclude that the academic publications sponsored by the Teva Defendants had limited impact, if any, on the information available to physicians and payers.

#### **A. It Is Common for Pharmaceutical Manufacturers to Sponsor Clinical Studies and Academic Articles**

133. The pharmaceutical industry is one of the industries that invests most heavily in research in the U.S., and pharmaceutical manufacturers frequently fund clinical studies and academic publications.<sup>272</sup> According to a Congressional Budget Office study, “[p]harmaceutical firms invest as much as five times more in research and development, relative to their sales, than the average U.S. manufacturing firm.”<sup>273</sup> In 2017, pharmaceutical companies spent on average 24.8 percent of their domestic sales on domestic research and development (“R&D”).<sup>274</sup> In fact, Kaitin et al. (1993) examine 196 new medicines approved by the FDA between 1981 and 1990 and find that 92 percent of them were funded by the pharmaceutical industry.<sup>275</sup> Furthermore, a 2015 report prepared by Battelle Technology Partnership Practice for PhRMA (*i.e.*, the Pharmaceutical Research and Manufacturers of America) finds that “the innovative biopharmaceutical industry accounts for *the vast majority* of investments in clinical trials of potential new medicines at the clinical site level (emphasis added).”<sup>276</sup>

134. In addition, Palmer and Chaguturu (2017) note that “[t]he high cost of establishing resources to support drug development and fund clinical trials is beyond the scope of any academic institution. Pharmaceutical expertise and resources are required to guarantee the

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<sup>272</sup> “Research and Development in the Pharmaceutical Industry,” Congressional Budget Office Report, Publication No. 2589, October 2006 (“CBO Report (2006)”), pp. 9, 19; and Michelle Palmer and Rathnam Chaguturu, “Academia–Pharma Partnerships for Novel Drug Discovery: *Essential or Nice to Have?*,” *Expert Opinion on Drug Discovery*, 12(6), 2017 (“Palmer and Chaguturu (2017)”), pp. 537–540 at p. 537.

<sup>273</sup> CBO Report (2006), p. 9.

<sup>274</sup> The percentage is calculated based a survey of PhRMA Member Companies. See, “2018 PhRMA Annual Membership Survey,” PhRMA Report, 2018, p. 5.

<sup>275</sup> Kenneth I. Kaitin et al., “The Role of the Research-Based Pharmaceutical Industry in Medical Progress in the United States,” *The Journal of Clinical Pharmacology*, 33(5), 1993, pp. 412–417 at p. 412.

<sup>276</sup> Battelle Technology Partnership, “Biopharmaceutical Industry-Sponsored Clinical Trials: Impact on State Economies,” PhRMA Report, March 2015, p. i.

therapeutic relevance, translational potential, and facilitate path to development.”<sup>277</sup> The authors further mention that not only are the partnerships between academia and the pharmaceutical industry common, they are “*critical* to overcoming the pharmaceutical innovation deficit and bringing publicly funded novel discoveries to the patient (emphasis in original).”<sup>278</sup>

135. In addition, according to data from ClinicalTrials.gov, the pharmaceutical industry sponsored 53 percent of all clinical trials between 1980 and 2017. In contrast, the National Institutes of Health and other U.S. federal agencies sponsored 12 percent of all clinical trials during the same period.<sup>279</sup>

**B. Most of the Academic Articles on Opioids for Treating Pain Were Not Sponsored by the Teva Defendants**

136. Plaintiffs’ experts claim that the manufacturer Defendants “created a body of false, misleading, and unsupported medical and popular literature” to promote opioid use.<sup>280</sup> In order to understand the scope of the academic publications that could be potentially influenced by the Teva Defendants’ alleged misrepresentations and omissions, I identified a broad set of academic publications discussing the use of opioids for pain treatment. I found that the Teva Defendants provided funding for only a minority of these academic publications.

137. I obtained a list of academic publications discussing the use of opioids for treating pain from the PubMed database.<sup>281</sup> This database contains over 29 million references of biomedical literature from the U.S. National Library of Medicine, life science journals, and online books.<sup>282</sup>

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<sup>277</sup> Palmer and Chaguturu (2017), p. 539.

<sup>278</sup> Palmer and Chaguturu (2017), p. 539.

<sup>279</sup> This analysis is performed using clinical trials related to “drugs” and “biologics.” Clinical trials that are withdrawn are excluded. ClinicalTrials.gov is “a database of privately and publicly funded clinical studies conducted around the world.” See, ClinicalTrials.gov Home, available at <https://clinicaltrials.gov>, accessed on February 27, 2019.

<sup>280</sup> Cuyahoga Complaint, ¶¶ 415–420.

<sup>281</sup> I conducted my search of academic publications on April 29, 2019; See, PubMed, available at <https://www.ncbi.nlm.nih.gov/pubmed>, accessed on April 29, 2019.

<sup>282</sup> National Center for Biotechnology Information, “PubMed Help,” December 10, 2018, available at <https://www.ncbi.nlm.nih.gov/books/NBK3827/>, accessed on January 4, 2019; and NIH U.S. National Library of Medicine “MEDLINE®: Description of the Database,” available at <https://www.nlm.nih.gov/bsd/medline.html>, accessed on March 5, 2019.

138. I considered academic publications discussing the use of opioids for treating pain based on the following four criteria (all of which need to be satisfied): (i) the article was listed under the PubMed “Core clinical journals” subset, which consists of “119 English-language journals considered to be of immediate interest to practicing physicians (rather than journals that are more academic in nature);”<sup>283</sup> (ii) the article is published between January 2001 and December 2017;<sup>284</sup> (iii) the article contains at least one of the following key words: “opioid,” “opiate,” “narcotic,” or any of the brand or molecule names of the prescription opioids mentioned in the Cuyahoga County and Summit County Complaints;<sup>285</sup> and (iv) the article contains the key word “pain.” Based on the search criteria above, I was able to obtain a total of 4,232 articles (“academic articles on opioids for treating pain”).

139. I obtained information from the Teva Defendants on the healthcare providers who received general payments (such as consulting fees, educational fees, food and beverage, honoraria, and travel and lodging) and research payments from the Teva Defendants during or after 2001.<sup>286</sup> I considered an article to be “sponsored by the Teva Defendants” if at least one author of the article received a payment from the Teva Defendants prior to the publication date of the article.<sup>287, 288</sup> I considered an article to be “sponsored only by the U.S. government” if PubMed categorized the article as being sponsored by the U.S. government

<sup>283</sup> Andrea M. Ketchum, “Core Clinical Journals for the Twenty-First Century,” *Medical Library Association*, November 16, 2016, available at <https://www.mlanet.org/blog/core-clinical-journals-for-the-twenty-first-century>, accessed on January 4, 2019.

<sup>284</sup> I begin my search in January of 2001 because I have information about the Teva Defendants’ payments to healthcare providers starting in 2001.

<sup>285</sup> The full list of opioid-related search terms (“Opioid Search Terms”) are: “opioid,” “opiate,” “narcotic,” “actiq,” “buprenorphine,” “butrans,” “dilauidid,” “dilauidid hp,” “duragesic,” “exalgo,” “fentanyl,” “fentora,” “hydrocodone,” “hydromorphone,” “hysingla er,” “kadian,” “methadone,” “methadose,” “morphin,” “ms contin,” “naloxone,” “naltrexone,” “norco,” “nucynta,” “nucynta er,” “opana,” “opana er,” “oxycodone,” “oxycontin,” “oxymorphone,” “percocet,” “percoden,” “roxicodone,” “subsys,” “tapentadol,” “targiniq er,” and “xartemis xr.” See, Cuyahoga Complaint; and Summit Complaint.

<sup>286</sup> TEVA\_MDL\_A\_00763974; TEVA\_MDL\_A\_03413816; TEVA\_MDL\_A\_03413817; TEVA\_MDL\_A\_04313917.

<sup>287</sup> This measure is conservative for several reasons. For example, an author may have submitted an article before he or she received payment from the Teva Defendants, but the article was published after such payment. As another example, an author may publish an article years after he or she received payment from the Teva Defendants. Any influence by the Teva Defendants may have elapsed by the time the author wrote the article. The articles in these two examples would still be categorized as sponsored by the Teva Defendants according to the definition specified above.

<sup>288</sup> Note that although I have information about the Teva Defendants’ payments to healthcare providers starting in 2001, based on the information available to me, none of the physicians who have received payments between 2001 and 2003 appeared as authors for academic articles on opioids for treating pain published during that period. Therefore, I could not identify any articles sponsored by the Teva Defendants until 2004. Due to this fact, I started all analyses related to the academic articles on opioids for treating pain in 2004.

and no other non-U.S. government entities.<sup>289</sup> I considered an article to have “no sponsorship” if PubMed did not have any sponsorship information available.<sup>290</sup> A complete list of the academic articles on opioids for treating pain, and whether each article is considered to be sponsored by the Teva Defendants, sponsored only by the U.S. government, or have no sponsorship is in **Appendix D**.

140. **Exhibit 9** shows the number of articles sponsored by the Teva Defendants relative to the total number of academic articles on opioids for treating pain. I find that while the Teva Defendants have sponsored at most 36 articles per year between 2004 and 2017, there were at least 176 articles on the same topic per year that were not sponsored by the Teva Defendants during that time period.<sup>291</sup> That is, articles sponsored by the Teva Defendants account for only a small fraction of the academic articles on opioids for treating pain.

### **C. Academic Articles on Opioid Use for Treating Pain Sponsored by the Teva Defendants Are Generally Less Influential than Those Sponsored Only by the U.S. Government**

141. In addition to analyzing the number of articles sponsored by the Teva Defendants over time, I also consider a measure of the “influence” (or importance) of these articles. I find that the academic articles sponsored by the Teva Defendants are no more influential than other academic articles on opioids for treating pain.

142. I created a measure of “influence” (or importance) of articles by counting the number of times each article is cited by other academic literature.<sup>292</sup> I obtained citation counts for the academic articles on opioids for treating pain using Microsoft Academic, a free public academic search engine that has indexed over 200 million publications.<sup>293, 294</sup> I compare the

<sup>289</sup> Articles that I considered to be “sponsored by the Teva Defendants” were excluded from this category.

<sup>290</sup> Articles that I considered to be “sponsored by the Teva Defendants” were excluded from this category.

<sup>291</sup> Articles that I considered to be “sponsored by the Teva Defendants” were excluded from this category.

<sup>292</sup> Citation counts, despite certain limitation, are a commonly used metric to assess the influence of academic articles. See, for example, Christopher R. Carpenter et al., “Using Publication Metrics to Highlight Academic Productivity and Research Impact,” *Academic Emergency Medicine*, 21(10), 2014, pp. 1160–1172. I use citation counts as a measure of an article’s influence.

<sup>293</sup> I accessed the citation counts of academic articles on opioids for treating pain on April 29, 2019. See, Microsoft Academic, available at <https://academic.microsoft.com>, accessed on April 29, 2019 (“Microsoft Academic”)

<sup>294</sup> Microsoft Academic, “Research More, Search Less,” available at <https://academic.microsoft.com/>, accessed on February 15, 2019; Microsoft Academic is a widely accepted tool for bibliometric analysis. See, Sven E. Hug et al., “Citation Analysis with Microsoft Academic,” *Scientometrics*, 111(1), 2017, pp. 371–378; and Mike Thelwall,

citation counts of the articles sponsored by the Teva Defendants with the citation counts of articles sponsored only by the U.S. government and those with no sponsorship at all.<sup>295, 296</sup>

**Appendix D** lists the citation counts for each academic article on opioids for treating pain that I considered.

143. As explained earlier, between January 2004 and December 2017, there are 251 academic articles on opioids for treating pain considered to be sponsored by the Teva Defendants. I was able to obtain citation counts for 247 out of 251 of these articles. **Exhibit 10A** shows that the majority of these articles are not highly cited. More specifically, 176 out of the 247 articles sponsored by the Teva Defendants (71 percent) are cited 25 times or less. In addition, only 31 out of the 247 academic articles (13 percent) are cited more than 100 times, and only 13 out of these 247 academic articles (5 percent) are cited more than 200 times.

144. Moreover, I find that articles sponsored by the Teva Defendants are cited less frequently than articles sponsored only by the U.S. government, and they are cited at a similar frequency to articles with no sponsorship. **Exhibit 10B** shows that between 2004 and 2017 the median number of citations of articles sponsored only by the U.S. government is 32, almost three times the median of articles sponsored by the Teva Defendants during the same period; the median number of citations of articles sponsored by the Teva Defendants and articles with no sponsorship is 12 citations and 11 citations respectively. The relative pattern of citation counts of articles sponsored by the Teva Defendants, articles sponsored only by the U.S. government, and articles with no sponsorship generally remains similar when one analyzes the citation counts by year, as seen in **Exhibit 10C**.

145. Therefore, only a small fraction of academic articles on opioids for treating pain are sponsored by the Teva Defendants. Moreover, the articles sponsored by the Teva Defendants are less influential than articles that are sponsored only by the U.S. government, and are no more influential than articles with no sponsorship at all. This suggests that the academic

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<sup>295</sup> “Microsoft Academic Automatic Document Searches: Accuracy for Journal Articles and Suitability for Citation Analysis,” *Journal of Informetrics*, 12(1), 2018, pp. 1–9.

<sup>296</sup> Articles that are sponsored by the Teva Defendants, sponsored only by the U.S. government, and have no sponsorship are defined in the same way as described in Section XI.B.

<sup>296</sup> I was able to obtain citation counts for 3,985 of the 4,232 academic articles on opioids for treating pain, a success rate of approximately 94 percent. Articles that could not be found on Microsoft Academic were not included in my analysis of influence. See, Appendix D.

publications sponsored by the Teva Defendants had limited impact, if any, on the information available to physicians.

Executed this 10<sup>th</sup> of May, 2019

A handwritten signature in black ink, appearing to read "Pradeep K. Chintagunta". The signature is fluid and cursive, with a horizontal line underneath it.

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Pradeep K. Chintagunta, Ph.D.

**U.S. Promotional Spending for Actiq [1] [2]**  
**February 1999 – May 2018**  
*(dollars in thousands)*

Year	Detailing	Journal Advertising	Retail Value of Samples	Direct to Consumer Advertising	Total Promotional Spending [3]
1999	\$214	\$187	\$0	\$0	\$401
2000	\$1,018	\$209	\$0	\$0	\$1,227
2001	\$1,329	\$368	\$0	\$0	\$1,697
2002	\$1,978	\$366	\$0	\$0	\$2,345
2003	\$2,247	\$907	\$0	\$0	\$3,154
2004	\$3,681	\$890	\$0	\$0	\$4,570
2005	\$2,917	\$897	\$0	\$0	\$3,813
2006	\$2,983	\$599	\$0	\$0	\$3,582
2007	\$228	\$0	\$0	\$0	\$228
2008	\$149	\$0	\$0	\$0	\$149
2009	\$87	\$0	\$0	\$0	\$87
2010	\$34	\$0	\$0	\$0	\$34
2011	\$43	\$0	\$0	\$0	\$43
2012	\$0	\$0	\$0	\$0	\$0
2013	\$39	\$0	\$0	\$0	\$39
2014	\$0	\$0	\$0	\$0	\$0
2015	\$36	\$0	\$0	\$0	\$36
2016	\$0	\$0	\$0	\$0	\$0
2017	\$0	\$0	\$0	\$0	\$0
2018	\$0	\$0	\$0	\$0	\$0
<b>Overall</b>	<b>\$16,984</b>	<b>\$4,422</b>	<b>\$0</b>	<b>\$0</b>	<b>\$21,406</b>

Source: Rosenthal Production

Note:

- [1] Actiq was launched in April 1999 and promotional spending began in February 1999 according to Dr. Rosenthal's IQVIA data.
- [2] This analysis includes the promotional spending by Abbott, Anesta Corporation, Cephalon Inc, and Teva as recorded in Dr. Rosenthal's IQVIA data. Abbott is excluded from the Teva Defendants in Dr. Rosenthal's analysis.
- [3] Promotional spending is calculated as the maximum of (1) total promotional spending as recorded in Dr. Rosenthal's IQVIA data and (2) the sum of detailing, journal advertising, retail value of samples, and direct to consumer advertising as recorded in Dr. Rosenthal's IQVIA data.

## U.S. Promotional Spending for Fentora<sup>[1] [2]</sup>

### September 2006 – May 2018

*(dollars in thousands)*

<b>Year</b>	<b>Detailing</b>	<b>Journal Advertising</b>	<b>Retail Value of Samples</b>	<b>Direct to Consumer Advertising</b>	<b>Total Promotional Spending [3]</b>
2006	\$1,301	\$285	\$0	\$0	\$1,586
2007	\$4,916	\$2,064	\$6	\$0	\$6,991
2008	\$2,525	\$945	\$0	\$0	\$3,470
2009	\$1,299	\$147	\$0	\$0	\$1,446
2010	\$1,851	\$71	\$0	\$0	\$1,921
2011	\$3,663	\$0	\$0	\$0	\$3,663
2012	\$3,446	\$0	\$0	\$0	\$3,446
2013	\$2,034	\$0	\$0	\$0	\$2,034
2014	\$3,284	\$0	\$0	\$0	\$3,284
2015	\$4,544	\$0	\$0	\$0	\$4,544
2016	\$2,179	\$0	\$0	\$0	\$2,179
2017	\$827	\$0	\$0	\$0	\$827
2018	\$454	\$0	\$0	\$0	\$454
<b>Overall</b>	<b>\$32,323</b>	<b>\$3,512</b>	<b>\$6</b>	<b>\$0</b>	<b>\$35,847</b>

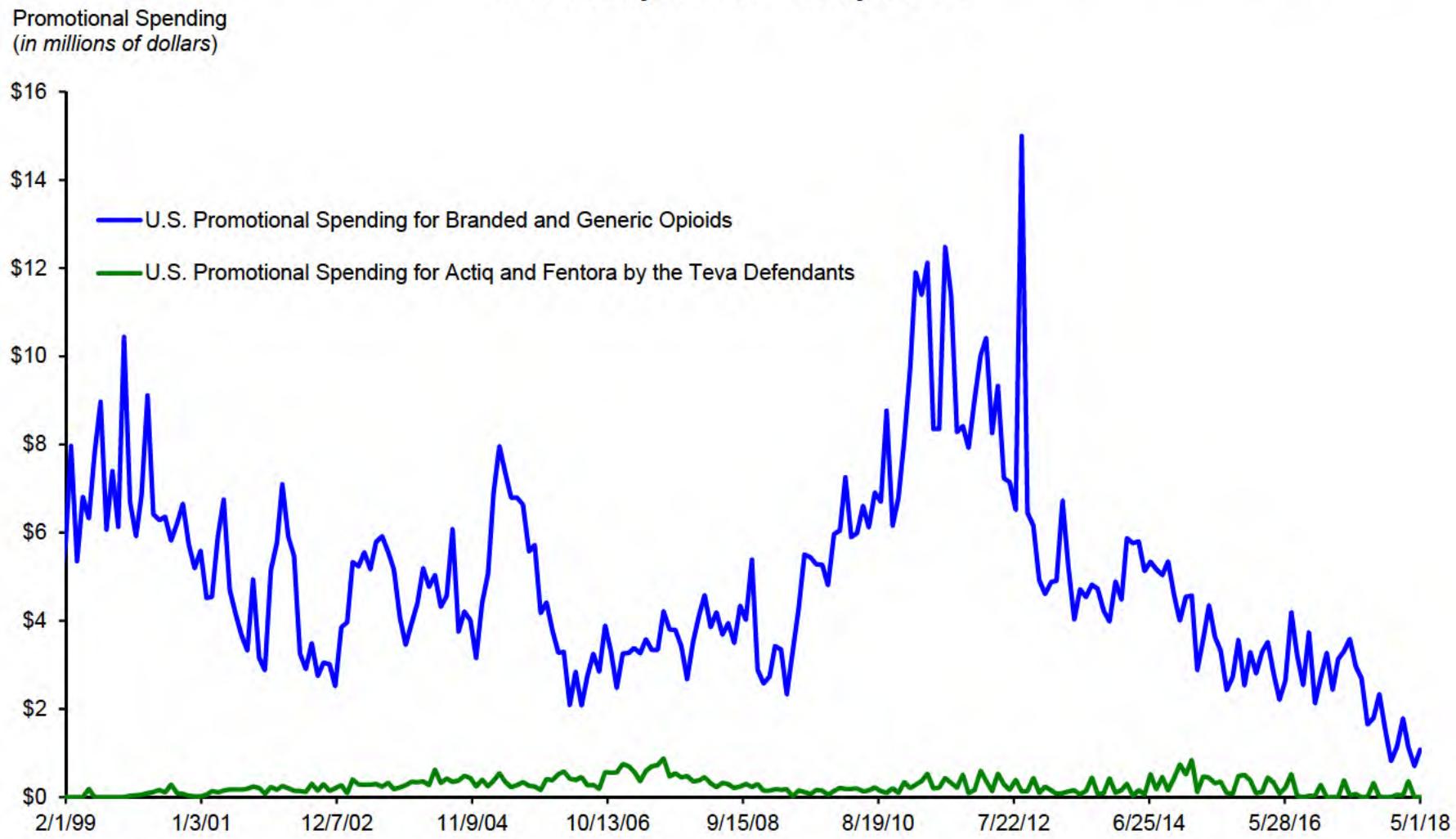
Source: Rosenthal Production

Note:

- [1] Fentora was launched in October 2006 and promotional spending began in September 2006 according to Dr. Rosenthal's IQVIA data.
- [2] This analysis includes the promotional spending by Cephalon Inc and Teva as recorded in Dr. Rosenthal's IQVIA data.
- [3] Promotional spending is calculated as the maximum of (1) total promotional spending as recorded in Dr. Rosenthal's IQVIA data and (2) the sum of detailing, journal advertising, retail value of samples, and direct to consumer advertising as recorded in Dr. Rosenthal's IQVIA data.

## U.S. Promotional Spending for Actiq and Fentora by the Teva Defendants

February 1999 – May 2018

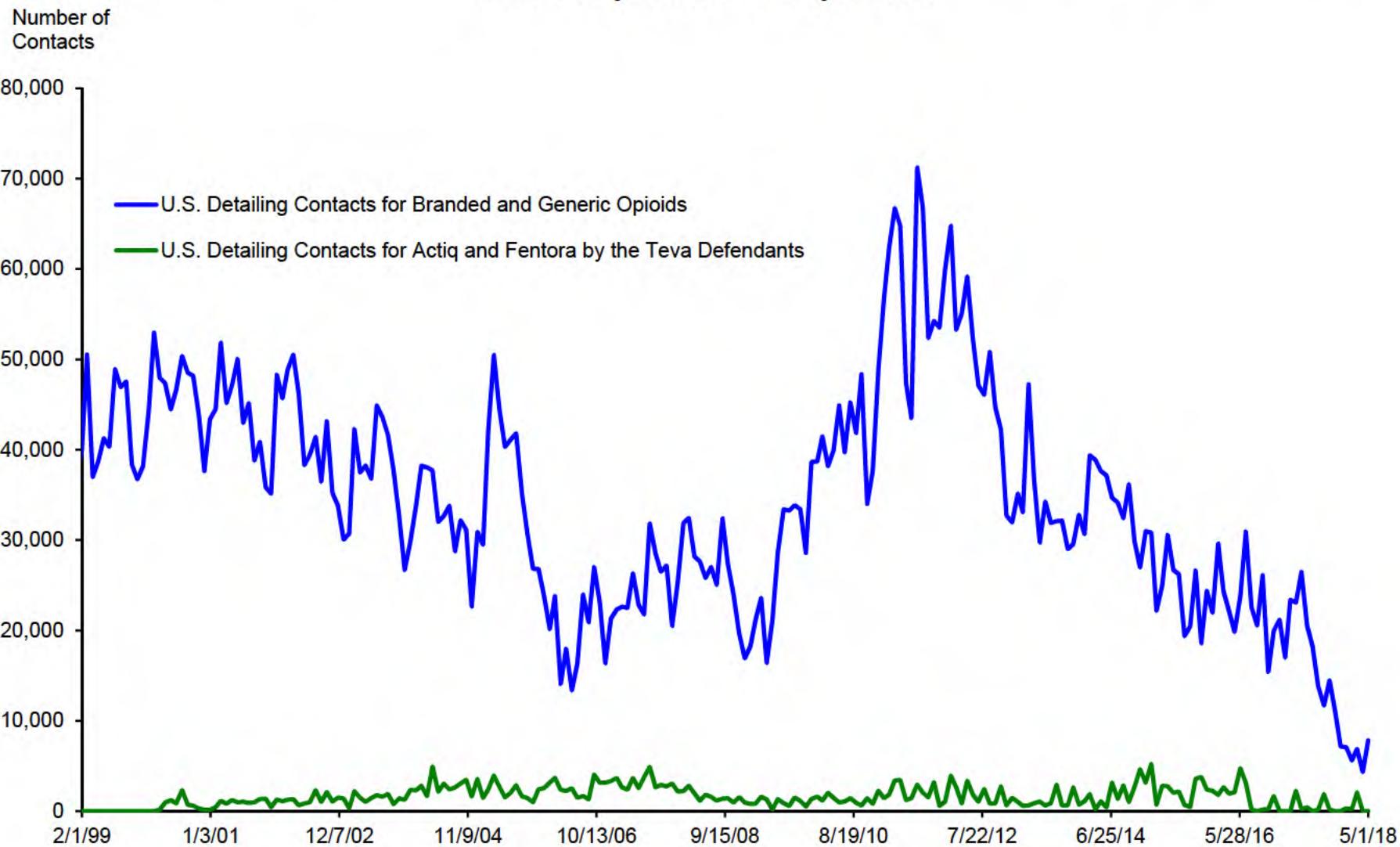


Source: Rosenthal Production

Note: Promotional spending is calculated as the maximum of (1) total promotional spending as recorded in Dr. Rosenthal's IQVIA data and (2) the sum of detailing, journal advertising, retail value of samples, and direct to consumer advertising as recorded in Dr. Rosenthal's IQVIA data. The Teva Defendants' promotional spending for Actiq and Fentora includes promotional spending by manufacturers Dr. Rosenthal classifies as Teva.

## U.S. Detailing Contacts for Actiq and Fentora by the Teva Defendants

February 1999 – May 2018



Source: Rosenthal Production

Note: The Teva Defendants' detailing for Actiq and Fentora includes detailing by manufacturers Dr. Rosenthal classifies as Teva.

## U.S. Marketing-to-Sales Ratio for Actiq<sup>[1][2]</sup>

February 1999 – May 2018

*(dollars in thousands)*

Year	Total Promotional Spending [3]	Total Sales	Marketing-to-Sales Ratio
1999	\$401	\$2,663	15.1%
2000	\$1,227	\$14,787	8.3%
2001	\$1,697	\$49,554	3.4%
2002	\$2,345	\$134,588	1.7%
2003	\$3,154	\$252,614	1.2%
2004	\$4,570	\$359,470	1.3%
2005	\$3,813	\$453,042	0.8%
2006	\$3,582	\$613,646	0.6%
2007	\$228	\$214,377	0.1%
2008	\$149	\$137,446	0.1%
2009	\$87	\$98,881	0.1%
2010	\$34	\$67,523	0.1%
2011	\$43	\$64,890	0.1%
2012	\$0	\$42,684	0.0%
2013	\$39	\$28,991	0.1%
2014	\$0	\$19,205	0.0%
2015	\$36	\$16,077	0.2%
2016	\$0	\$11,852	0.0%
2017	\$0	\$7,459	0.0%
2018	\$0	\$1,800	0.0%
<b>Overall</b>	<b>\$21,406</b>	<b>\$2,591,552</b>	<b>0.8%</b>

Source: Rosenthal Production

Note:

- [1] Actiq was launched in April 1999 and promotional spending began in February 1999 according to Dr. Rosenthal's IQVIA data.
- [2] This analysis includes the promotional spending by Abbott, Anesta Corporation, Cephalon Inc, and Teva as recorded in Dr. Rosenthal's IQVIA data. Abbott is excluded from the Teva Defendants in Dr. Rosenthal's analysis.
- [3] Promotional spending is calculated as the maximum of (1) total promotional spending as recorded in Dr. Rosenthal's IQVIA data and (2) the sum of detailing, journal advertising, retail value of samples, and direct to consumer advertising as recorded in Dr. Rosenthal's IQVIA data.

## U.S. Marketing-to-Sales Ratio for Fentora [1] [2]

September 2006 – May 2018

*(dollars in thousands)*

Year	Total Promotional Spending [3]	Total Sales	Marketing-to-Sales Ratio
2006	\$1,586	\$25,871	6.1%
2007	\$6,991	\$151,014	4.6%
2008	\$3,470	\$162,802	2.1%
2009	\$1,446	\$172,751	0.8%
2010	\$1,921	\$179,993	1.1%
2011	\$3,663	\$208,420	1.8%
2012	\$3,446	\$189,683	1.8%
2013	\$2,034	\$192,406	1.1%
2014	\$3,284	\$180,744	1.8%
2015	\$4,544	\$167,561	2.7%
2016	\$2,179	\$143,304	1.5%
2017	\$827	\$108,631	0.8%
2018	\$454	\$30,577	1.5%
<b>Overall</b>	<b>\$35,847</b>	<b>\$1,913,757</b>	<b>1.9%</b>

Source: Rosenthal Production

Note:

- [1] Fentora was launched in October 2006 and promotional spending began in September 2006 according to Dr. Rosenthal's IQVIA data.
- [2] This analysis includes the promotional spending by Cephalon Inc and Teva as recorded in Dr. Rosenthal's IQVIA data.
- [3] Promotional spending is calculated as the maximum of (1) total promotional spending as recorded in Dr. Rosenthal's IQVIA data and (2) the sum of detailing, journal advertising, retail value of samples, and direct to consumer advertising as recorded in Dr. Rosenthal's IQVIA data.

## Marketing-to-Sales Ratios for At-Issue Branded Opioid Medicines [1]

Years after Launch [2]	Actiq [3]	Fentora [4]	Average of Other At-Issue Branded Opioid Medicines [5]
0	13.2%	5.1%	28.2%
1	6.0%	2.6%	14.8%
2	3.2%	1.1%	7.6%
3	1.5%	1.1%	11.1%
4	1.2%	1.6%	1.8%
5	1.2%	1.8%	2.5%
6	0.9%	1.1%	20.8%
7	0.4%	1.4%	2.7%
8	0.1%	2.7%	1.0%
9	0.1%	2.1%	1.4%
10	0.1%	1.0%	1.4%

Source: Rosenthal Production; Cuyahoga Complaint; Summit Complaint

Note:

- [1] At-issue branded opioid medicines are those identified in the complaints. Medicines approved before 1993 are excluded as Dr. Rosenthal's IQVIA data are only available between January 1993 and May 2018. Medicines without promotional spending data in Dr. Rosenthal's IQVIA data are also excluded. Promotional spending is calculated as the maximum of (1) total promotional spending as recorded in Dr. Rosenthal's IQVIA data and (2) the sum of detailing, journal advertising, retail value of samples, and direct to consumer advertising as recorded in Dr. Rosenthal's IQVIA data.
- [2] Marketing-to-sales ratios for each year after launch are based on each consecutive 12 months after the launch month. For example, year 0 after launch for Actiq spans April 1999 to March 2000. Launch month is the later of the FDA approval month or the first month with positive sales in Dr. Rosenthal's IQVIA data.
- [3] Promotional spending and sales for Actiq include Abbott, Anesta Corporation, Cephalon Inc, and Teva as recorded in Dr. Rosenthal's IQVIA data. Abbott is excluded from the Teva Defendants in Dr. Rosenthal's analysis.
- [4] Promotional spending and sales for Fentora include Cephalon Inc and Teva as recorded in Dr. Rosenthal's IQVIA data.
- [5] Other at-issue branded opioid medicines include Butrans, Exalgo, Kadian, Norco, Nucynta, Nucynta ER, Opana, Opana ER, Oxycontin, Roxicodone, Subsys, Xartemix XR. Promotional spending and sales for each medicine include promotional spending and sales from all manufacturers Dr. Rosenthal classifies as Defendant and Non-Defendant.

**U.S. Marketing Spending: The Teva and Actavis Generic Defendants' Generic Opioid Medicines vs. All Manufacturers' Opioid Medicines** [1] [2]

January 1995 – May 2018

(dollars in thousands)

Year	Spending for the Teva and Actavis Generic Defendants' Generic Opioid Medicines	Spending for All Manufacturers' Opioid Medicines	Percentage
1995	\$0	\$20,428	0.00%
1996	\$209	\$29,006	0.72%
1997	\$161	\$47,398	0.34%
1998	\$0	\$79,408	0.00%
1999	\$2	\$83,909	0.00%
2000	\$9	\$77,259	0.01%
2001	\$0	\$54,182	0.00%
2002	\$0	\$50,385	0.00%
2003	\$298	\$59,093	0.50%
2004	\$17	\$53,433	0.03%
2005	\$1	\$71,803	0.00%
2006	\$1	\$35,858	0.00%
2007	\$1	\$41,346	0.00%
2008	\$0	\$48,043	0.00%
2009	\$236	\$48,294	0.49%
2010	\$0	\$79,199	0.00%
2011	\$119	\$118,443	0.10%
2012	\$34	\$100,471	0.03%
2013	\$0	\$57,398	0.00%
2014	\$0	\$61,405	0.00%
2015	\$0	\$41,431	0.00%
2016	\$20	\$35,807	0.06%
2017	\$93	\$29,533	0.31%
2018	\$0	\$5,838	0.00%
<b>Overall</b>	<b>\$1,201</b>	<b>\$1,329,369</b>	<b>0.09%</b>

Source: Rosenthal Production

Note:

[1] Generic opioid medicines for the Teva and Actavis Generic Defendants and opioid medicines for all manufacturers are based on Dr. Rosenthal's IQVIA data.

[2] Marketing spending is calculated as the maximum of (1) total marketing spending as recorded in Dr. Rosenthal's IQVIA data and (2) the sum of detailing, journal advertising, retail value of samples, and direct to consumer advertising as recorded in Dr. Rosenthal's IQVIA data.

**Marketing Spending for Generic Opioid Medicines  
by the Teva and Actavis Generic Defendants [1] [2]**

January 1995 – May 2018

Year	Fentanyl	Hydrocodone /APAP	Hydrocodone /Ibuprofen	Meperidine	Oxycodone	Oxymorphone ER
1995	\$0	\$0	\$0	\$0	\$0	\$0
1996	\$0	\$209,322	\$0	\$0	\$0	\$0
1997	\$0	\$0	\$0	\$160,672	\$0	\$0
1998	\$0	\$0	\$0	\$0	\$0	\$0
1999	\$0	\$1,870	\$0	\$0	\$0	\$0
2000	\$0	\$9,361	\$0	\$0	\$0	\$0
2001	\$0	\$0	\$0	\$0	\$0	\$0
2002	\$0	\$0	\$0	\$0	\$0	\$0
2003	\$0	\$0	\$297,902	\$0	\$0	\$0
2004	\$0	\$0	\$16,680	\$0	\$0	\$0
2005	\$0	\$0	\$0	\$0	\$896	\$0
2006	\$0	\$276	\$0	\$0	\$725	\$0
2007	\$0	\$0	\$0	\$0	\$1,392	\$0
2008	\$0	\$0	\$0	\$0	\$147	\$0
2009	\$230,554	\$0	\$5,544	\$0	\$0	\$0
2010	\$0	\$0	\$0	\$0	\$0	\$0
2011	\$0	\$0	\$0	\$0	\$0	\$119,250
2012	\$0	\$0	\$0	\$0	\$0	\$33,693
2013	\$0	\$0	\$0	\$0	\$0	\$0
2014	\$0	\$0	\$0	\$0	\$0	\$0
2015	\$0	\$0	\$0	\$0	\$0	\$0
2016	\$19,992	\$0	\$0	\$0	\$0	\$0
2017	\$20,932	\$0	\$0	\$0	\$0	\$71,816
2018	\$0	\$0	\$0	\$0	\$0	\$0
<b>Overall</b>	<b>\$271,478</b>	<b>\$220,829</b>	<b>\$320,126</b>	<b>\$160,672</b>	<b>\$3,160</b>	<b>\$224,759</b>

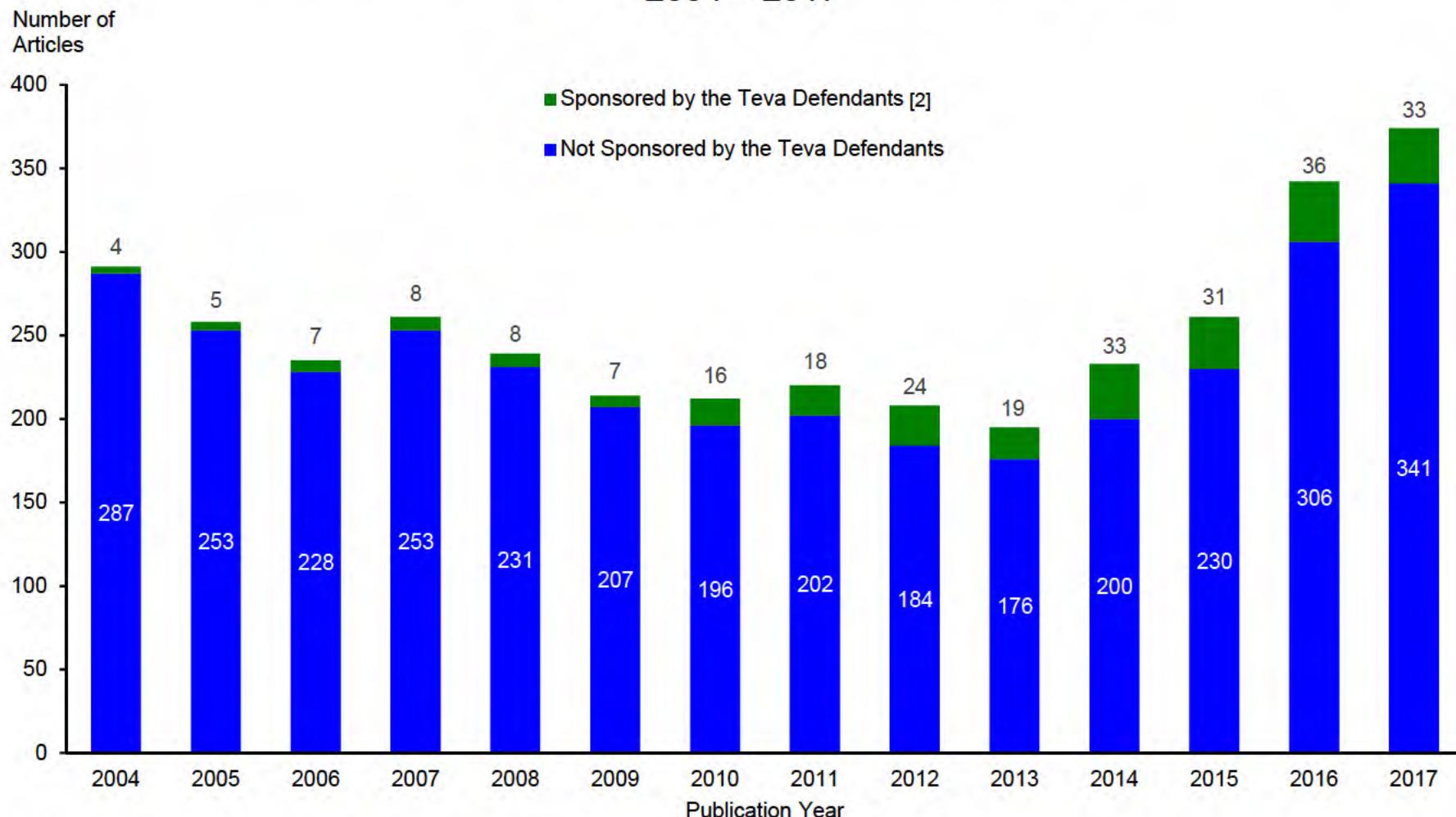
Source: Rosenthal Production

Note:

[1] The Teva and Actavis Generic Defendants' generic opioid medicines are based on Dr. Rosenthal's IQVIA data.

[2] Marketing spending is calculated as the maximum of (1) total marketing spending as recorded in Dr. Rosenthal's IQVIA data and (2) the sum of detailing, journal advertising, retail value of samples, and direct to consumer advertising as recorded in Dr. Rosenthal's IQVIA data.

## Academic Articles on Opioids for Treating Pain<sup>[1]</sup> 2004 – 2017



Source: PubMed; TEVA\_MDL\_A\_00763974; TEVA\_MDL\_A\_03413816; TEVA\_MDL\_A\_03413817; TEVA\_MDL\_A\_04313917

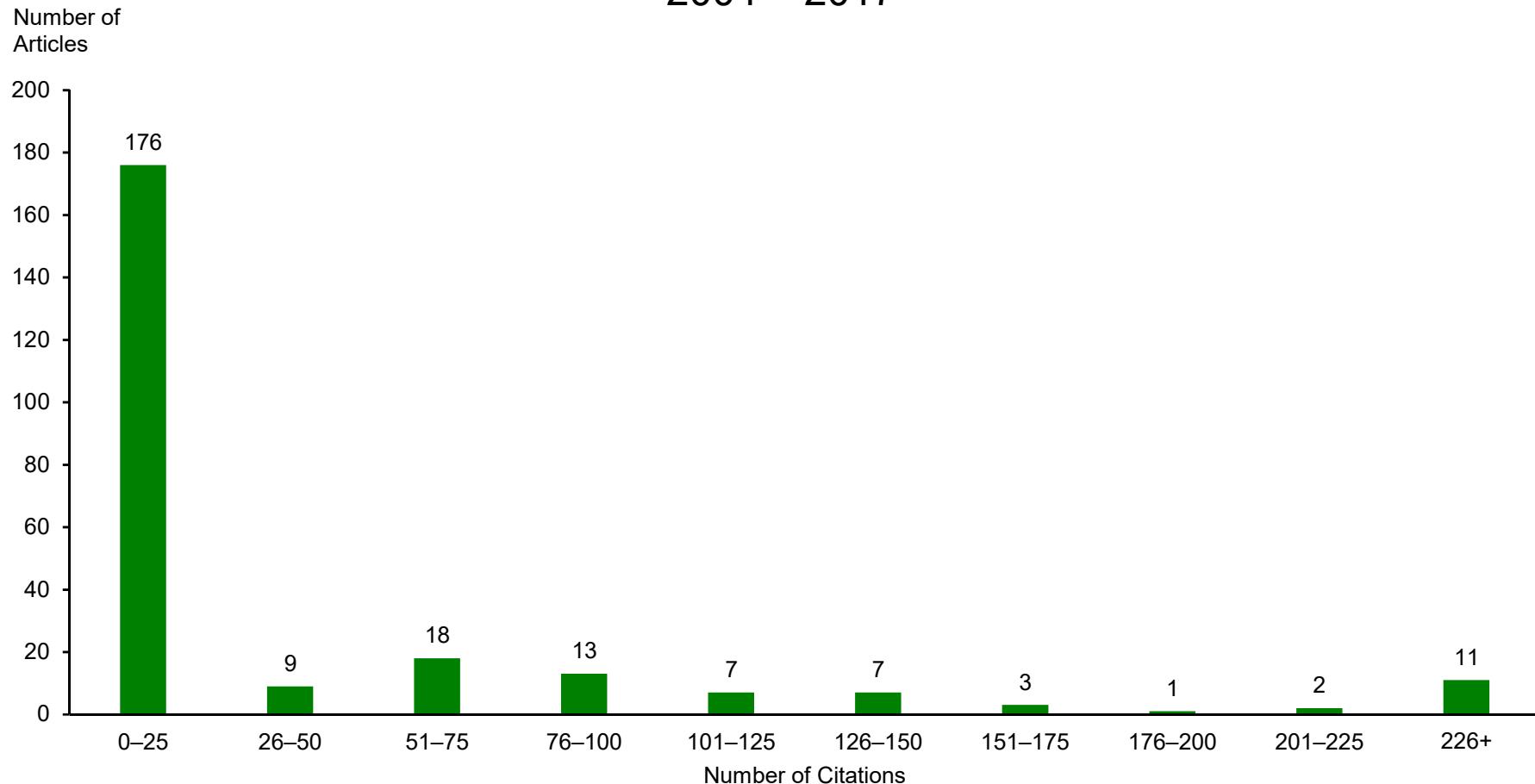
Note:

[1] This analysis is based on a list of academic articles discussing the use of opioids for treating pain from the PubMed database.

[2] An article is considered to be sponsored by the Teva Defendants if at least one author of the article received a payment from the Teva Defendants prior to the publication date of the article. The Teva Defendants' healthcare provider payments data are available starting in 2001. None of the healthcare providers who received payments between 2001 and 2003 appeared as authors for academic articles on opioids for treating pain during that period. Therefore, no articles are identified as sponsored by the Teva Defendants until 2004.

## Citation Counts of Academic Articles on Opioids for Treating Pain Sponsored by the Teva Defendants [1] [2] [3]

2004 – 2017



Source: Microsoft Academic; PubMed; TEVA\_MDL\_A\_00763974; TEVA\_MDL\_A\_03413816; TEVA\_MDL\_A\_03413817; TEVA\_MDL\_A\_04313917

Note:

- [1] This analysis is based on a list of academic articles discussing the use of opioids for treating pain from the PubMed database.
- [2] Citation counts were obtained from Microsoft Academic on April 29, 2019. Academic articles that could not be found on Microsoft Academic are excluded.
- [3] An article is considered to be sponsored by the Teva Defendants if at least one author of the article received a payment from the Teva Defendants prior to the publication date of the article. The Teva Defendants' healthcare provider payments data are available starting in 2001. None of the healthcare providers who received payments between 2001 and 2003 appeared as authors for academic articles on opioids for treating pain during that period. Therefore, no articles are identified as sponsored by the Teva Defendants until 2004.

# Summary Statistics for the Citation Counts of Academic Articles on Opioids for Treating Pain<sup>[1][2]</sup>

2004 – 2017

Sponsorship	Number of Articles	Citation Count			
		Minimum	Median	Mean	Maximum
Sponsored by the Teva Defendants [3]	247	0	12	38	799
Sponsored Only by the U.S. Government [4]	228	0	32	70	1,094
No Sponsorship [5]	1,799	0	11	28	848
<b>All Academic Articles on Opioids for Treating Pain [6]</b>	<b>3,275</b>	<b>0</b>	<b>18</b>	<b>42</b>	<b>1,344</b>

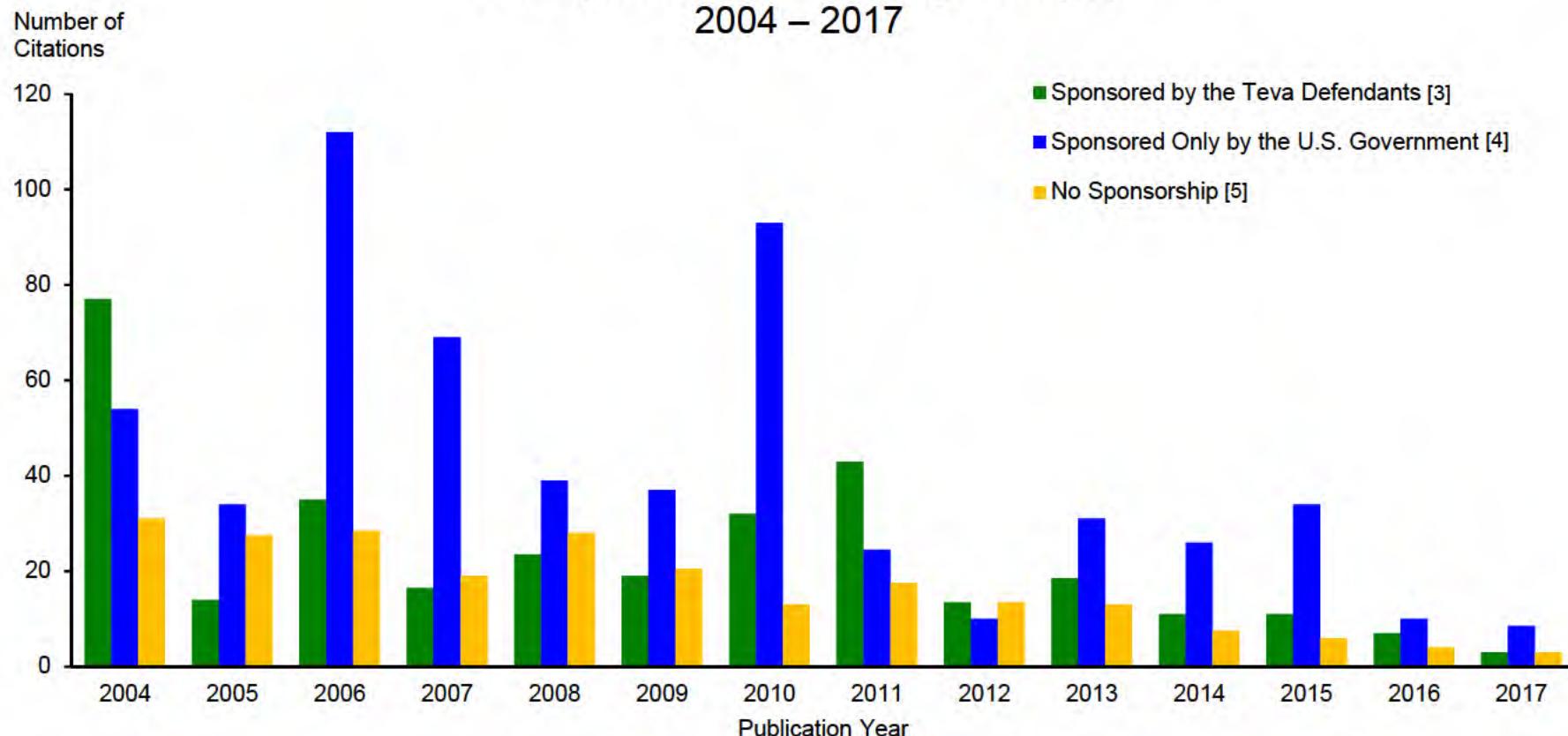
Source: Microsoft Academic; PubMed; TEVA\_MDL\_A\_00763974; TEVA\_MDL\_A\_03413816; TEVA\_MDL\_A\_03413817; TEVA\_MDL\_A\_04313917

Note:

- [1] This analysis is based on a list of academic articles discussing the use of opioids for treating pain from the PubMed database.
- [2] Citation counts were obtained from Microsoft Academic on April 29, 2019. Academic articles that could not be found on Microsoft Academic are excluded.
- [3] An article is considered to be sponsored by the Teva Defendants if at least one author of the article received a payment from the Teva Defendants prior to the publication date of the article. The Teva Defendants' healthcare provider payments data are available starting in 2001. None of the healthcare providers who received payments between 2001 and 2003 appeared as authors for academic articles on opioids for treating pain during that period. Therefore, no articles are identified as sponsored by the Teva Defendants until 2004.
- [4] An article is considered to be sponsored only by the U.S. government if PubMed categorized the article as being sponsored by the U.S. government and no other non-U.S. government entities. Articles that are also sponsored by the Teva Defendants are excluded from this category.
- [5] An article is considered to have no sponsorship if PubMed did not have any sponsorship information available. Articles that are also sponsored by the Teva Defendants are excluded from this category.
- [6] All academic articles on opioids for treating pain from Pubmed include articles sponsored by the Teva Defendants, articles sponsored only by the U.S. government, articles with no sponsorship, and articles sponsored by non-U.S. government entities.

## Median Citation Counts of Academic Articles on Opioids for Treating Pain<sup>[1][2]</sup>

2004 – 2017



Source: Microsoft Academic; PubMed; TEVA\_MDL\_A\_00763974; TEVA\_MDL\_A\_03413816; TEVA\_MDL\_A\_03413817; TEVA\_MDL\_A\_04313917

Note:

- [1] This analysis is based on a list of academic articles discussing the use of opioids for treating pain from the PubMed database.
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- [3] An article is considered to be sponsored by the Teva Defendants if at least one author of the article received a payment from the Teva Defendants prior to the publication date of the article. The Teva Defendants' healthcare provider payments data are available starting in 2001. None of the healthcare providers who received payments between 2001 and 2003 appeared as authors for academic articles on opioids for treating pain during that period. Therefore, no articles are identified as sponsored by the Teva Defendants until 2004.
- [4] An article is considered to be sponsored only by the U.S. government if PubMed categorized the article as being sponsored by the U.S. government and no other non-U.S. government entities. Articles that are also sponsored by the Teva Defendants are excluded from this category.
- [5] An article is considered to have no sponsorship if PubMed did not have any sponsorship information available. Articles that are also sponsored by the Teva Defendants are excluded from this category.

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July 2004 - 2013, Director, PhD program, Booth School of Business, University of Chicago, Chicago, IL 60637

July 1995 -, Professor of Marketing, Booth School of Business, University of Chicago, Chicago, IL 60637

April 2012 – Distinguished Visiting Scholar, Stanford University, Stanford CA

September 2002 – December 2002, Thomas Carroll Ford Foundation Visiting Professor of Marketing, Harvard Business School, Boston, MA 02163

July 1994 - July 1995, Associate Professor of Marketing (with tenure), S. C. Johnson Graduate School of Management, Cornell University, Ithaca, NY 14853

July 1990 - July 1994, Assistant Professor of Marketing, S. C. Johnson Graduate School of Management, Cornell University, Ithaca, NY 14853

**EDUCATION**

1986-1990, Northwestern University, Evanston, Illinois, Doctor of Philosophy (Field of Marketing)

1984-1986, Indian Institute of Management, Ahmedabad, India, Post Graduate Diploma in Management

1979-1984, Indian Institute of Technology, Banaras Hindu University, India, Bachelor of Technology (Mechanical Engineering)

## PUBLICATIONS

Assessing the sales impact of plain packaging regulation for cigarettes: Evidence from Australia (with Andre Bonfrer, John Roberts and David Corkindale), *Marketing Science*, forthcoming

Search and Learning at a Daily Deals Website (with Mandy (Mantian) Hu and Ivy (Dang) Chu), *Marketing Science*, forthcoming

Consumer Response to Chapter 11 Bankruptcy: Negative Demand Spillover to Competitors (with Cem Ozturk and Sriram Venkataraman), *Marketing Science*, forthcoming

Capital Market Returns to New Product Development Success: Informational Effects on Product Market Advertising (with Kyung-mi Park and Inho Suk)," *Journal of Marketing Research*, forthcoming.

Licensing and Price Competition in Tied-Goods Markets: An Application to the Single-Serve Coffee System Industry (with Marco Shaojun Qin and Maria Ana Vitorino), *Marketing Science*, Vol. 37, No. 6, November–December 2018, pp. 883–911

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## **WORKING PAPERS**

Leveraging Patients' Social Networks to Overcome Tuberculosis Underdetection: A Field Experiment in India (with Jessica Goldberg and Mario Macis)

Remote Coaching of Small-Business Entrepreneurs In Uganda: Stimulating Business Strategy Innovation and Examining the Impact on Firm Sales (with Stephen Anderson and Naufel Vilcassim)

## **COURSES TAUGHT**

Marketing Strategy (MBA), Marketing Management (XP/EXP/AXP), Foundations for Advanced Quantitative Marketing (PhD)

## HONORS

ISMS Marketing Fellow (elected 2015)

Gilbert A. Churchill, Jr. Award for Lifetime Achievement awarded by the AMA's Marketing Research SIG (2016).

Distinguished Alumnus Award, Indian Institute of Technology (BHU), Varanasi 2012

Distinguished Alumnus Award, Indian Institute of Management, Ahmedabad, 2011

Businessweek's top professors at Chicago Booth, 2002

Recipient of the Hillel Einhorn Award for Excellence in Teaching, EXP (Barcelona) Program, 1999 & 2000, XP (Chicago) Program, 2000, 2003, 2005

Finalist for the O'Dell award, 1996, 2001

Finalist for the Paul Green award, 1997, 2009

## OTHER

Advisory Editorial Board, *Marketing Science*, *Journal of Marketing Research*, *Quantitative Marketing & Economics*

Associate Editor: *Journal of Marketing*

Member, Editorial Board: *International Journal of Research in Marketing*, *Journal of Business-to-Business Marketing*, *Journal of the Academy of Marketing Science*

Doctoral dissertation committees Chicago (\* denotes chair or co-chair) – Jae-Hyen Chung\* (CUHK), Robbie Sanders (UCSD), Xiliang Lin (JD.com), Franklin Shaddy (UCLA), Liya Zhu (Ford), Luyi Yang (Johns Hopkins), Yun-ke Chin Lee\* (Wayfair), Andrey Simonov\* (Columbia), Michael Thomas (Santa Clara), William Cha\* (Coursera), Dan Nguyen (Amazon), Dan Zou (Wal-Mart), Naiqing Gu\* (GeorgiaTech), Raluca Ursu\* (NYU), Navdeep Sahni\* (Stanford), Pranav Jindal (UNC), Minki Kim\* (KAIST), Elisabeth Honka\* (UCLA), Yi-Lin Tsai\* (Delaware), Renna Jiang\* (UC – Davis), Maria Ana Vitorino\* (University of Minnesota), Hongju Liu\* (Peking University), Xiaojing Dong (Santa Clara), Junhong Chu\* (National University of Singapore), Harikesh Nair\* (Stanford), Sridhar Narayanan\* (Stanford), Khim-Yong Goh\* (National University of Singapore), S. Sriram (Michigan), Inseong Song\* (Seoul National University), Andre Bonfrer\* (SMU), Nanda Kumar (UTD), Peter Boatwright (CMU), Andrew Ainslie (Rochester), Christie Nordhielm (Northwestern), Vaneet Sethi (ZS Associates); Cornell - Seetharaman Peruvemba (Washington University, St. Louis), K. Sudhir (Yale), Sachin Gupta (Cornell), Alok Prasad

(Merrill Lynch), Anil Kaul (AbsolutData), Harsh Soni (Estee Lauder) and Rahul Guha (Cornerstone Research), in Marketing; Karl Boehringer in Computer Science; Jenny Chin-Hua in Agricultural Economics, Joo Ho Kim in Consumer Economics; Emory University – Cem Ozturk (Georgia Tech); Erasmus – Dennis Fok (Erasmus), Carlos Mireles; UCF – Ngan Chau (Nebraska)

Former Academic Trustee, MSI

Member INFORMS.

Advisory Board: Mu-Sigma, OperationASHA, Syntasa

Board of Governors: Indian Institute of Management, Ahmedabad

## Prior Testimony of Pradeep K. Chintagunta

Deposition, *United States of America; the States of California, Colorado, Connecticut, Delaware, Florida, Georgia, Hawaii, Illinois, Indiana, Iowa, Louisiana, Maryland, Massachusetts, Michigan, Minnesota, Montana, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, Oklahoma, Rhode Island, Tennessee, Texas, Virginia, Washington, and Wisconsin; the District of Columbia, the City of Chicago and the City of New York; ex rel., Charles Arnstein and Hossam Senousy, vs. TEVA Pharmaceuticals USA, Inc.; TEVA Neuroscience, Inc.; and TEVA Sales and Marketing, Inc.*, Docket No. 13 Civ. 3702 (CM), U.S. District Court for the Southern District of New York, May 2018.

Deposition, *State of Oklahoma, ex rel., Mike Hunter, Attorney General of Oklahoma v. Purdue Pharma L.P., et al.*, No. CJ-2017-816, District Court of Cleveland County, Oklahoma, March 2019.

## List of Documents Considered

<u>Document Title, Bates Numbers</u>	<u>Document Date</u>
<b>Legal Pleadings</b>	
Second Amended Corrected Complaint and Demand for Jury Trial, <i>The County of Cuyahoga et al. v. Purdue Pharma L.P. et al.</i>	May 18, 2018
Third Amended Complaint and Jury Demand, <i>The County of Summit et al. v. Purdue Pharma L.P. et al.</i>	March 21, 2019
<b>Expert Reports</b>	
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Deposition of Anna Lembke	April 24, 2019
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Deposition of David Myers	December 13, 2018
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Cephalon Marketing Plan, "2005 ACTIQ Marketing Plan," TEVA_MDL_A_00455000-83	2005
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Cephalon Marketing Plan, "2007 FENTORA Marketing Plan," TEVA_MDL_A_00550891	2007
Cephalon Marketing Plan, "FEBT (Fentanyl Effervescent Buccal Tablet 2005–2006 Marketing Plan," TEVA_MDL_A_00550595-814	2005–2006
Cephalon Presentation, "PCS Field Survey Findings: October 2008 PCS POA Meeting," TEVA_MDL_A_00734173-279	October 14, 2008
Cephalon Sales Training Manual, "Pain Products Learning System: Fentora® (Fentanyl Buccal Tablet) Annotated PI," TEVA_MDL_A_00345108-89	March 2011
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Form 2253 (Transmittal of Advertisements and Promotional Labeling for Drugs and Biologics for Human Use) submitted to FDA for Fentora by Cephalon, Inc, TEVA_MDL_A_00025378-405	October 31, 2006
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SUMMIT\_001478969

TEVA\_MDL\_A\_00763974

TEVA\_MDL\_A\_03413816

TEVA\_MDL\_A\_03413817

TEVA\_MDL\_A\_04313917

**Note: In addition to the documents on this list, I considered all documents cited in my report and my exhibits to form my opinions.**

**Academic Articles on Opioids for Treating Pain**  
2001 – 2017

PMID	Title	Publication Year	Journal	Authors	Sponsored by the Teva Defendants [1]	Sponsored Only by the U.S. Government [2]	No Sponsorship [3]	Number of Citations [4]
29390591	Robot-assisted laparoendoscopic single site adrenalectomy: A comparison of 3 different port platforms with 3 case reports.	2017	Medicine	Kan, Hung-Cheng; Pang, See-Tong; Wu, Chun-Te; Chang, Ying-Hsu; Liu, Chung-Yi; Chuang, Cheng-Keng; Lin, Po-Hung		Y		1
29390443	Effect of intravenous ketamine for postoperative analgesia in patients undergoing laparoscopic cholecystectomy: A meta-analysis.	2017	Medicine	Ye, Fan; Wu, Youyang; Zhou, Chunli		Y		0
29381993	Effects of nefopam on emergence agitation after general anesthesia for nasal surgery: A prospective, randomized, and controlled trial.	2017	Medicine	Jee, Young Seok; You, Hwang-Ju; Sung, Tae-Yun; Cho, Choon-Kyu		Y		0
29381983	Preoperative intravenous glucocorticoids can decrease acute pain and postoperative nausea and vomiting after total hip arthroplasty: A PRISMA-compliant meta-analysis.	2017	Medicine	Yang, Qing; Zhang, Zhi; Xin, Wenqi; Li, Aixiang		Y		2
29310376	Perioperative analgesia after intrathecal fentanyl and morphine or morphine alone for cesarean section: A randomized controlled study.	2017	Medicine	Weigl, Wojciech; Bierylo, Andrzej; Wielgus, Monika; Krzemien-Wiczynska, Swietlana; Kolacz, Marcin; Dabrowski, Michal J		Y		0
29245361	Effects of remifentanil with or without midazolam pretreatment on the 95% effective dose of propofol for loss of consciousness during induction: A randomized, clinical trial.	2017	Medicine	Koh, Jae Chul; Park, Jyeon; Kim, Na Young; You, Ann Hee; Ko, Seo Hee; Han, Dong Woo		Y		0
29245259	Efficacy of pudendal nerve block for alleviation of catheter-related bladder discomfort in male patients undergoing lower urinary tract surgeries: A randomized, controlled, double-blind trial.	2017	Medicine	Xiaoqiang, Li; Xuerong, Zhang; Juan, Liu; Mathew, Bechu Shelley; Xiaorong, Yin; Qin, Wan; Lili, Luo; Yingying, Zhu; Jun, Luo		Y		2
29245214	The efficiency and safety of local liposomal bupivacaine infiltration for pain control in total hip arthroplasty: A systematic review and meta-analysis.	2017	Medicine	Zhang, Xin; Yang, Qing; Zhang, Zhi		Y		2
29189368	Opioid Prescribing for the Treatment of Acute Pain in Children on Hospital Discharge.	2017	Anesthesia And Analgesia	Monitto, Constance L; Hsu, Aaron; Gao, Shuna; Vozzo, Paul T; Park, Paul S; Roter, Deborah; Yenokyan, Gayane; White, Elizabeth D; Kattail, Deepa; Edgeworth, Amy E; Vasquez, Kelly J; Atwater, Sara E; Shay, Joanne E; George, Jessica A; Vickers, Barbara A; Kost-Byerly, Sabine; Lee, Benjamin H; Yaster, Myron	Y			8
29189367	Oxycodone Ingestion Patterns in Acute Fracture Pain With Digital Pills.	2017	Anesthesia And Analgesia	Chai, Peter R; Carreiro, Stephanie; Innes, Brendan J; Chapman, Brittany; Schreiber, Kristin L; Edwards, Robert R; Carrico, Adam W; Boyer, Edward W		Y		1
29189366	Role of Urine Drug Testing in the Current Opioid Epidemic.	2017	Anesthesia And Analgesia	Mahajan, Gagan		Y		1
29189365	Using Integrative Medicine in Pain Management: An Evaluation of Current Evidence.	2017	Anesthesia And Analgesia	Lin, Yuan-Chi; Wan, Limeng; Jamison, Robert N		Y		4
29187376	Targeting novel mechanisms of pain in sickle cell disease.	2017	Blood	Tran, Huy; Gupta, Mihir; Gupta, Kalpana		Y		13
29176408	Prescription Opioid Use among Opioid-Naïve Women Undergoing Immediate Breast Reconstruction.	2017	Plastic And Reconstructive Surgery	Marcusa, Daniel P; Mann, Rachel A; Cron, David C; Fillinger, Brooklyn R; Rzepecki, Alexandra K; Kozlow, Jeffrey H; Momoh, Adeyiza; Englesbe, Michael; Brummett, Chad; Waljee, Jennifer F		Y		3
29173788	Non-steroidal Anti-inflammatory Drugs in Newborns and Infants.	2017	Pediatric Clinics Of North America	Aranda, Jacob V; Salomone, Fabrizio; Valencia, Gloria B; Beharry, Kay D		Y		4
29166348	The Economics of Prepectoral Breast Reconstruction.	2017	Plastic And Reconstructive Surgery	Glasberg, Scott Bradley		Y		0
29166347	Prepectoral Breast Reconstruction: The Breast Surgeon's Perspective.	2017	Plastic And Reconstructive Surgery	Storm-Dickerson, Toni; Sigalove, Noemi		Y		1
29146621	Effect of FDA Investigation on Opioid Prescribing to Children After Tonsillectomy/Adenoectomy.	2017	Pediatrics	Chua, Kao-Ping; Shrime, Mark G; Conti, Rena M		Y		4
29145327	Current practice and usual care of major cervical disorders in Korea: A cross-sectional study of Korean health insurance review and assessment service national patient sample data.	2017	Medicine	Choi, A Ryeon; Shin, Joon-Shik; Lee, Jinho; Lee, Yoon Jae; Kim, Me-Riong; Oh, Min-Seok; Lee, Eun-Jung; Kim, Sungchul; Kim, Mia; Ha, In-Hyuk		Y		1
29145272	The efficiency of intravenous acetaminophen for pain control following total knee and hip arthroplasty: A systematic review and meta-analysis.	2017	Medicine	Liang, Limin; Cai, Ying; Li, Aixiang; Ma, Chuangen		Y		5
29137046	Multiple adverse drug reactions and genetic polymorphism testing: A case report with negative result.	2017	Medicine	Arellano, Ana Lucia; Martin-Subero, Marta; Monerris, Mar; Llerena, Adrian; Farre, Magí; Montane, Eva		Y		1
29137025	Tapentadol versus tramadol in the management of low back pain in the emergency department: Impact of use on the need for reassessments.	2017	Medicine	Guillen-Asete, Carlos A; Cardona-Carballo, Cesar; de la Casa-Resino, Cristina		Y		0

PMID	Title	Publication Year	Journal	Authors	Sponsored by the Teva Defendants [1]	Sponsored Only by the U.S. Government [2]	No Sponsorship [3]	Number of Citations [4]
29135678	Can It Be Done-Opioid-Free Recovery?: Commentary on an article by Gijss T.T. Helmerhorst, MD, et al.: "Pain Relief After Operative Treatment of an Extremity Fracture: A Noninferiority Randomized Controlled Trial".	2017	The Journal Of Bone And Joint Surgery. American Volume	Shilling, Ashley			Y	Not found on Microsoft Academic
29135671	Support for Safer Opioid Prescribing Practices: A Catalog of Published Use After Orthopaedic Surgery.	2017	The Journal Of Bone And Joint Surgery. American Volume	Lovecchio, Francis; Derman, Peter; Stepan, Jeffrey; Iyer, Sravish; Christ, Alexander; Grimaldi, Peter; Kumar, Kanupriya; Ranawat, Anil; Taylor, Samuel A			Y	5
29135664	Pain Relief After Operative Treatment of an Extremity Fracture: A Noninferiority Randomized Controlled Trial.	2017	The Journal Of Bone And Joint Surgery. American Volume	Helmerhorst, Gijss T T; Zwiers, Ruben; Ring, David; Kloen, Peter			Y	0
29135659	Opioids and Orthopaedics in North America: Addressing a Growing Concern.	2017	The Journal Of Bone And Joint Surgery. American Volume	Ring, David; Sabharwal, Sanjeev			Y	1
29114833	Effect of a Single Dose of Oral Opioid and Nonopioid Analgesics on Acute Extremity Pain in the Emergency Department: A Randomized Clinical Trial.	2017	JAMA	Chang, Andrew K; Bijur, Polly E; Esses, David; Barnaby, Douglas P; Baer, Jesse			Y	31
29114813	Opioid vs Nonopioid Acute Pain Management in the Emergency Department.	2017	JAMA	Kyriacou, Demetrios N			Y	1
29112660	Opioid Prescribing Patterns, Patient Use, and Postoperative Pain After Hysterectomy for Benign Indications.	2017	Obstetrics And Gynecology	As-Sanie, Sawsan; Till, Sara R; Mowers, Erika L; Lim, Courtney S; Skinner, Bethany D; Fritsch, Laura; Tsodikov, Alex; Dalton, Vanessa K; Clauw, Daniel J; Brummett, Chad M		Y		12
29108841	A Conceptual Framework for Understanding Unintended Prolonged Opioid Use.	2017	Mayo Clinic Proceedings	Hooten, W Michael; Brummett, Chad M; Sullivan, Marie D; Goesling, Jenna; Tilburt, Jon C; Merlin, Jessica S; St Sauver, Jennifer L; Wasan, Ajay D; Clauw, Daniel J; Warner, David O			Y	4
29100223	Using Pill Identification Calls to Poison Centers as a Marker of Drug Abuse at Three Texas Military Bases.	2017	Southern Medical Journal	Ng, Patrick C; Maddry, Joseph K; Sessions, Daniel; Borys, Douglas J; Bebarla, Vikhyat S			Y	1
29099518	Diffuse skin rash, altered mental status . Dx?	2017	The Journal Of Family Practice	Reed, Caitlyn T; Cruse, Allison R; Jackson, Jeremy D			Y	Not found on Microsoft Academic
29088045	Leading the Way to Solutions to the Opioid Epidemic: AOA Critical Issues.	2017	The Journal Of Bone And Joint Surgery. American Volume	Seymour, Rachel B; Ring, David; Higgins, Thomas; Hsu, Joseph R			Y	3
29088038	Continuous Posterior Lumbar Plexus Nerve Block Versus Periarticular Injection with Ropivacaine or Liposomal Bupivacaine for Total Hip Arthroplasty: A Three-Arm Randomized Clinical Trial.	2017	The Journal Of Bone And Joint Surgery. American Volume	Johnson, Rebecca L; Amundson, Adam W; Abdel, Matthew P; Sviggum, Hans P; Mabry, Tad M; Mantilla, Carlos B; Schroeder, Darrell R; Pagnano, Mark W; Kopp, Sandra L			Y	5
29078865	Effectiveness, Safety, and Predictors of Response to Botulinum Toxin Type A in Refractory Masticatory Myalgia: A Retrospective Study.	2017	Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Khawaja, Shehryar N; Scrivani, Steven J; Holland, Nicole; Keith, David A			Y	1
29076861	Nondrug Interventions Reduce Pain and Opioid Use After Total Knee Arthroplasty.	2017	The American Journal Of Nursing	Cibrian, Kelly			Y	0
29073739	Association of Early Outpatient Rehabilitation With Health Service Utilization in Managing Medicare Beneficiaries With Nontraumatic Knee Pain: Retrospective Cohort Study.	2017	Physical Therapy	Stevans, Joel M; Fitzgerald, G Kelley; Piva, Sara R; Schneider, Michael			Y	2
29069043	The effect of preoperative administration of morphine in alleviating intraoperative pain of percutaneous transforaminal endoscopic discectomy under local anesthesia: A STROBE compliant study.	2017	Medicine	Fan, Yunshan; Gu, Guangfei; Fan, Guoxin; Zhu, Yanjie; Yang, Yitao; Gu, Xin; Zhang, Hailong; He, Shisheng			Y	0
29068980	Efficacy of dexamethasone for pain management in knee arthroscopy: A systematic review and meta-analysis.	2017	Medicine	Li, Chen; Qu, Ji			Y	Not found on Microsoft Academic
29067432	A Death in the Family.	2017	JAMA	Khan, Asif			Y	0
29061859	Response to "Opioid warning label".	2017	CMAJ : Canadian Medical Association Journal (Journal De L'Association Medecale Canadienne)	Busse, Jason W			Y	0
29049548	Multimodal Analgesia in Outpatient Head and Neck Surgery: A Feasibility and Safety Study.	2017	JAMA Otolaryngology-- Head & Neck Surgery	Oltman, Justin; Millsakh, Oleg; D'Agostino, Mark; Kauffman, Brittany; Lindau, Robert; Coughlin, Andrew; Lydiatt, William; Lydiatt, Daniel; Smith, Russell; Panwar, Aru Dunn, Lauren K; Durieux, Marcel E; Nemergut, Edward C; Naik, Bhiken I				2
29049124	Surgery-Induced Opioid Dependence: Adding Fuel to the Fire?	2017	Anesthesia And Analgesia	Dunn, Lauren K; Durieux, Marcel E; Nemergut, Edward C; Naik, Bhiken I			Y	0
29049123	Impact of Enhanced Recovery After Surgery and Opioid-Free Anesthesia on Opioid Prescriptions at Discharge From the Hospital: A Historical-Prospective Study.	2017	Anesthesia And Analgesia	Branda, Delara; Keller, Michelle S; Lee, Carol; Grogan, Tristan; Fujimoto, Yohei; Gricourt, Yann; Yamada, Takashige; Rahman, Sihamak; Hofer, Ira; Kazanjian, Kevork; Sack, Jonathan; Mahajan, Aman; Lin, Anne; Cannesson, Maxime			Y	18
29049122	Case Series of Successful Postoperative Pain Management in Buprenorphine Maintenance Therapy Patients.	2017	Anesthesia And Analgesia	Leighton, Barbara L; Crock, Lara W			Y	6
29049121	Opioids for the Treatment of Chronic Pain: Mistakes Made, Lessons Learned, and Future Directions.	2017	Anesthesia And Analgesia	Ballantyne, Jane C			Y	12
29049120	A Contemporary Medicolegal Analysis of Outpatient Medication Management in Chronic Pain.	2017	Anesthesia And Analgesia	Abrecht, Christopher R; Brozman, Ethan Y; Greenberg, Penny; Song, Ellen; Rathmell, James P; Urman, Richard D		Y		4

PMID	Title	Publication Year	Journal	Authors	Sponsored by the Teva Defendants [1]		Sponsored Only by the U.S. Government [2]	No Sponsorship [3]	Number of Citations [4]
29049119	A Review of Opioid-Sparing Modalities in Perioperative Pain Management: Methods to Decrease Opioid Use Postoperatively.	2017	Anesthesia And Analgesia	Kumar, Kanupriya; Kirksey, Meghan A; Duong, Silvia; Wu, Christopher L			Y		19
29049118	Risk Factors for Opioid-Use Disorder and Overdose.	2017	Anesthesia And Analgesia	Webster, Lynn R	Y				13
29049117	Chronic Opioid Use After Surgery: Implications for Perioperative Management in the Face of the Opioid Epidemic.	2017	Anesthesia And Analgesia	Hah, Jennifer M; Bateman, Brian T; Ratliff, John; Curtin, Catherine; Sun, Eric		Y			12
29049116	Basic/Translational Development of Forthcoming Opioid- and Nonopioid-Targeted Pain Therapeutics.	2017	Anesthesia And Analgesia	Knezevic, Nebojsa Nick; Yekkirala, Ajay; Yaksh, Tony L		Y			4
29049115	An Evidence-Based Approach to the Prescription Opioid Epidemic in Orthopedic Surgery.	2017	Anesthesia And Analgesia	Soffin, Ellen M; Waldman, Seth A; Stack, Roberta J; Liquori, Gregory A			Y		11
29049114	Alternatives to Opioids in the Pharmacologic Management of Chronic Pain Syndromes: A Narrative Review of Randomized, Controlled, and Blinded Clinical Trials.	2017	Anesthesia And Analgesia	Nicol, Andrea L; Hurley, Robert W; Benzon, Honorio T	Y				5
29049113	The US Opioid Crisis: Current Federal and State Legal Issues.	2017	Anesthesia And Analgesia	Soelberg, Cobin D; Brown, Raeford E Jr; Du Vivier, Derick; Meyer, John E; Ramachandran, Banu K			Y		13
29049112	America's Opioid Epidemic: Supply and Demand Considerations.	2017	Anesthesia And Analgesia	Clark, David J; Schumacher, Mark A					5
29049111	Risk Management for Opioid Prescribing in the Treatment of Patients With Pain From Cancer or Terminal Illness: Inadvertent Oversight or Taboo?	2017	Anesthesia And Analgesia	Copenhaver, David J; Karvelas, Nicolas B; Fishman, Scott M			Y		4
29049110	Evidence for the Efficacy of Systemic Opioid-Sparing Analgesics in Pediatric Surgical Populations: A Systematic Review.	2017	Anesthesia And Analgesia	Zhu, Alyssa; Benzon, Hubert A; Anderson, T Anthony	Y				7
29049104	The Opioid Crisis in the United States: Chronic Pain Physicians Are the Answer, Not the Cause.	2017	Anesthesia And Analgesia	Brown, Raeford E Jr; Sloan, Paul A			Y		3
29049103	"Houston, We Have a Problem!": The Role of the Anesthesiologist in the Current Opioid Epidemic.	2017	Anesthesia And Analgesia	Yaster, Myron; Benzon, Honorio T; Anderson, T Anthony	Y				2
29047128	Onset of labour epidural analgesia with low-dose bupivacaine and different doses of fentanyl.	2017	Anaesthesia	Vedagiri Sai, R; Singh, S I; Qasem, F; Nguyen, D; Dhir, S; Marmai, K; Adam, R; Jones, P M	Y				0
29045356	Addressing Safe Opioid Monitoring Practices Using an Interprofessional Approach.	2017	The Journal Of Nursing Administration	Durham, Marianne L; Egan, AnnMarie; Jankiewicz, Ann; Murphy, Marcia P; Nedved, Patricia; Luvich, Renee; Goh, Ann; Fogg, Louis			Y		0
29025735	Which pain medications are effective for sciatica (radicular leg pain)?	2017	BMJ (Clinical Research Ed.)	Pinto, Rafael Zambelli; Verwoerd, Annemieke J H; Koes, Bart W			Y		0
29021235	Oral Analgesics Utilization for Children With Musculoskeletal Injury (OUCH Trial): An RCT.	2017	Pediatrics	Le May, Sylvie; Ali, Samina; Plint, Amy C; Masse, Benoit; Neto, Gina; Auclair, Marie-Christine; Drendel, Amy L; Ballard, Ariane; Khadra, Christelle; Villeneuve, Edith; Parent, Stefan; McGrath, Patrick J; Leclair, Gregoire; Gouin, Serge			Y		2
29018090	Medical-legal concerns over prescribing opioids on the rise.	2017	CMAJ : Canadian Medical Association Journal (Journal De L'Association Medcale Canadienne)	Glauser, Wendy			Y		0
29018084	Oral morphine versus ibuprofen administered at home for postoperative orthopedic pain in children: a randomized controlled trial.	2017	CMAJ : Canadian Medical Association Journal (Journal De L'Association Medcale Canadienne)	Poonai, Naveen; Datoo, Natasha; Ali, Samina; Cashin, Megan; Drendel, Amy L; Zhu, Rongbo; Lepore, Natasha; Greff, Michael; Rieder, Michael; Bartley, Debra			Y		6
29016499	Epidural Analgesia During the Second Stage of Labor: A Randomized Controlled Trial.	2017	Obstetrics And Gynecology	Shen, XiaoFeng; Li, Yunping; Xu, ShiQin; Wang, Nan; Fan, Sheng; Qin, Xiang; Zhou, Chunxiu; Hess, Philip E			Y		4
28977564	Population trends in the incidence and initial management of osteoarthritis: age-period-cohort analysis of the Clinical Practice Research DataLink, 1992-2013.	2017	Rheumatology (Oxford, England)	Yu, Dahai; Jordan, Kelvin P; Bedson, John; Englund, Martin; Blyth, Fiona; Turkiewicz, Aleksandra; Prieto-Alhambra, Daniel; Peat, George					3
28975284	Urine Drug Screens to Monitor Opioid Use for Managing Chronic Pain.	2017	JAMA	Haymond, Shannon; Nagpal, Geeta; Heiman, Heather			Y		1
28970263	The authors respond to "Inconsistencies in the 2017 Canadian Guideline for Opioids for Chronic Noncancer Pain".	2017	CMAJ : Canadian Medical Association Journal (Journal De L'Association Medcale Canadienne)	Busse, Jason W; Juurlink, David N; Buckley, D Norman; Guyatt, Gordon H			Y		0
28970262	Inconsistencies in the 2017 Canadian Guideline for Opioids for Chronic Noncancer Pain.	2017	CMAJ : Canadian Medical Association Journal (Journal De L'Association Medcale Canadienne)	Weinberg, Erica L; Baer, Philip A			Y		1
28970259	Rethinking "doing well" on chronic opioid therapy.	2017	CMAJ : Canadian Medical Association Journal (Journal De L'Association Medcale Canadienne)	Juurlink, David N			Y		8
28968280	Suprascapular and Interscalene Nerve Block for Shoulder Surgery: A Systematic Review and Meta-analysis.	2017	Anesthesiology	Hussain, Nasir; Goldar, Ghazaleh; Ragina, Neli; Banfield, Laura; Laffey, John G; Abdallah, Faraj W			Y	Not found on Microsoft Academic	

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28957912	A Worsening Opioid Epidemic Prompts Action.	2017	The American Journal Of Nursing	Zolot, Joan		Y		1
28953743	Managing Opioid Addiction Risk in Plastic Surgery during the Perioperative Period.	2017	Plastic And Reconstructive Surgery Medicine	Demsey, Daniel; Carr, Nicholas J; Clarke, Hance; Vipler, Sharon Jin, Lian-Jin; Wen, Li-Yong; Zhang, Yan-Li; Li, Gang; Sun, Ping; Zhou, Xuan Cao, Xiuling; Pan, Fang		Y		4
28953631	Thoracic paravertebral regional anesthesia for pain relief in patients with breast cancer surgery.	2017	Medicine			Y		0
28953626	Comparison of liposomal bupivacaine infiltration versus interscalene nerve block for pain control in total shoulder arthroplasty: A meta-analysis of randomized control trials.	2017	Medicine			Y		0
28930857	Adductor canal block with local infiltrative analgesia compared with local infiltrate analgesia for pain control after total knee arthroplasty: A meta-analysis of randomized controlled trials.	2017	Medicine	Xing, Qiujuan; Dai, Weiwei; Zhao, Dongfeng; Wu, Ji; Huang, Chunshui; Zhao, Yun		Y		6
28930848	Nociceptive stimulation during Macintosh direct laryngoscopy compared with McGrath Mac videolaryngoscopy: A randomized trial using indirect evaluation using an automated administration of propofol and remifentanil.	2017	Medicine	Ing, Rathvirak; Liu, Ngai; Chazot, Thierry; Fessler, Julien; Dreyfus, Jean Francois; Fischer, Marc; Le Guen, Morgan		Y		0
28930830	Effect of dexmedetomidine as an adjuvant to ropivacaine for wound infiltration in patients undergoing open gastrectomy: A prospective randomized controlled trial.	2017	Medicine	Luan, Hengfei; Zhu, Pin; Zhang, Xiaobao; Tian, Liang; Feng, Jiyang; Wu, Yong; Yan, Yongxin; Zhao, Zhibin; Gu, Xiaoping		Y		1
28926443	Recovery after Nulliparous Birth: A Detailed Analysis of Pain, Analgesia and Recovery of Function.	2017	Anesthesiology	Komatsu, Ryu; Carvalho, Brendan; Flood, Pamela D				6
28923800	Response to "Role of regulators in safe prescribing of opioids".	2017	CMAJ : Canadian Medical Association Journal (Journal De L'Association Medcale Canadienne)	Furlan, Andrea D; Williamson, Owen D		Y		0
28922216	Opioid-Free Analgesia in the Era of Enhanced Recovery After Surgery and the Surgical Home: Implications for Postoperative Outcomes and Population Health.	2017	Anesthesia And Analgesia	Kamdar, Nirav V; Hofman, Nir; Rahman, Siamak; Cannesson, Maxime		Y		5
28906393	Transcutaneous electrical nerve stimulation for postoperative pain control after total knee arthroplasty: A meta-analysis of randomized controlled trials.	2017	Medicine	Li, Jifeng; Song, Yuze		Y		2
28906391	A meta-analysis of the preoperative use of gabapentinoids for the treatment of acute postoperative pain following spinal surgery.	2017	Medicine	Liu, Bo; Liu, Ruihe; Wang, Lifeng		Y		9
28906382	The efficacy of gabapentin in reducing pain intensity and postoperative nausea and vomiting following laparoscopic cholecystectomy: A meta-analysis.	2017	Medicine	Wang, Lifeng; Dong, Yucai; Zhang, Jiling; Tan, Hongwu		Y		4
28891056	Performance of the Minto model for the target-controlled infusion of remifentanil during cardiopulmonary bypass.	2017	Anaesthesia	Cho, Y J; Jo, W Y; Oh, H; Koo, C-H; Oh, J; Cho, J-Y; Yu, K-S; Jeon, Y; Kim, T K	Y			0
28885348	Effect of transcutaneous electrical nerve stimulation therapy for the treatment of primary dysmenorrhea.	2017	Medicine	Bai, Hai-Yan; Bai, Hong-Yan; Yang, Zhi-Qin		Y		0
28870310	Peripheral Nerve Blocks in Foot and Ankle Surgery.	2017	The Orthopedic Clinics Of North America	Fraser, Tyler W; Doty, Jesse F		Y		1
28870309	Multimodal Analgesia in Foot and Ankle Surgery.	2017	The Orthopedic Clinics Of North America	Kohring, Jessica M; Orgain, Nathan G		Y		3
28870306	Pediatric Perioperative Pain Management.	2017	The Orthopedic Clinics Of North America	Frizzell, Kaela H; Cavanaugh, Priscilla K; Herman, Martin J		Y		0
28870305	The Importance of Optimizing Acute Pain in the Orthopedic Trauma Patient.	2017	The Orthopedic Clinics Of North America	Jones, Jerry Jr; Southerland, Warren; Catalani, Blas		Y		2
28870304	The Effect of Opioids, Alcohol, and Nonsteroidal Anti-inflammatory Drugs on Fracture Union.	2017	The Orthopedic Clinics Of North America	Richards, Christopher J; Graf, Kenneth W Jr; Mashru, Rakesh P		Y		5
28870301	Perioperative Pain Management and Anesthesia: A Critical Component to Rapid Recovery Total Joint Arthroplasty.	2017	The Orthopedic Clinics Of North America	Russo, Matthew W; Parks, Nancy L; Hamilton, William G		Y		6
28858135	Stability study of dezocine in 0.9% sodium chloride solutions for patient-controlled analgesia administration.	2017	Medicine	Fang, Bao-Xia; Wang, Lin-Hai; Liu, Hui-Min; Chen, Fu-Chao; Liu, Jing		Y		0
28857802	Paravertebral Block Does Not Reduce Cancer Recurrence, but Is Related to Higher Overall Survival in Lung Cancer Surgery: A Retrospective Cohort Study.	2017	Anesthesia And Analgesia	Lee, Eun Kyung; Ahn, Hyun Joo; Zo, Jae Il; Kim, Kyunga; Jung, Dae Myung; Park, Joo Hyun		Y		3
28820778	Src Kinase Inhibition Attenuates Morphine Tolerance without Affecting Reinforcement or Psychomotor Stimulation.	2017	Anesthesiology	Bull, Fiona A; Baptista-Hon, Daniel T; Sneddon, Claire; Wright, Lisa; Walwyn, Wendy; Hales, Tim G Matsuda, Shuichi				0
28816899	In Patients Having Hip or Knee Arthroplasty, Intravenous and Oral Acetaminophen Did Not Differ for 24-Hour Pain or Narcotic Use.	2017	The Journal Of Bone And Joint Surgery. American Volume			Y		0
28816893	Periarticular Liposomal Bupivacaine Injection Versus Intra-Articular Bupivacaine Infusion Catheter for Analgesia After Total Knee Arthroplasty: A Double-Blinded, Randomized Controlled Trial.	2017	The Journal Of Bone And Joint Surgery. American Volume	Smith, Eric B; Kazarian, Gregory S; Maltenfort, Mitchell G; Lonner, Jess H; Sharkey, Peter F; Good, Robert P		Y		6
28813550	Drug-Free Interventions to Reduce Pain or Opioid Consumption After Total Knee Arthroplasty: A Systematic Review and Meta-analysis.	2017	JAMA Surgery	Tedesco, Dario; Gori, Davide; Desai, Karishma R; Asch, Steven; Carroll, Ian R; Curtin, Catherine; McDonald, Kathryn M; Fantini, Maria P; Hernandez-Boussard, Tina		Y		10

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28806222	Transient Receptor Potential Vanilloid 1 Antagonists Prevent Anesthesia-induced Hypothermia and Decrease Postincisional Opioid Dose Requirements in Rodents.	2017	Anesthesiology	Garami, Andras; Ibrahim, Mohab; Gilbraith, Kerry; Khanna, Rajesh; Pakai, Eszter; Miko, Alexandra; Pinter, Erika; Romanovsky, Andrej A; Porreca, Frank; Patwardhan, Amol M			8
28804884	Optimising triggers for patient-assisted remifentanil analgesia during labour - a reply.	2017	Anaesthesia	Leong, W L	Y	0	
28804880	Optimising triggers for patient-assisted remifentanil analgesia during labour.	2017	Anaesthesia	Weiniger, C F; Carvalho, B; Landau-Cahana, R	Y	1	
28795840	A Complete Histologic Approach to Gastrointestinal Biopsy From Hematopoietic Stem Cell Transplant Patients With Evidence of Transplant-Associated Gastrointestinal Thrombotic Microangiopathy.	2017	Archives Of Pathology & Laboratory Medicine	Warren, Mikako; Jodele, Sonata; Dandoy, Christopher; Myers, Kasiani C; Wallace, Gregory; Nelson, Adam; El-Bietar, Javier	Y	5	
28787490	FDA Fast Tracks Nonopioid Pain Medication.	2017	JAMA	Abbas, Jennifer	Y	2	
28787346	Antialloodynic Effects of Endomorphin-1 and Endomorphin-2 in the Spared Nerve Injury Model of Neuropathic Pain in Mice.	2017	Anesthesia And Analgesia	Wang, Chang-Lin; Yang, Dai-Jun; Yuan, Bi-Yu; Qiu, Ting-Ting		0	
28787345	Repeated Administration of Amitriptyline in Neuropathic Pain: Modulation of the Noradrenergic Descending Inhibitory System.	2017	Anesthesia And Analgesia	Hiroki, Tadanao; Suto, Takashi; Saito, Shigeru; Obata, Hideaki		4	
28786088	Gendered Innovations in Orthopaedic Science: 11 Out of 10 on the Pain Scale: Acknowledging My Own Gender Biases.	2017	Clinical Orthopaedics And Related Research	Page, Alexandra E	Y	0	
28782603	Randomized Clinical Trial of Epidural Compared with Conventional Analgesia after Minimally Invasive Colorectal Surgery.	2017	Journal Of The American College Of Surgeons	Hanna, Mark H; Jafari, Mehraneh D; Jafari, Fariba; Phelan, Michael J; Rinehart, Joseph; Sun, Coral; Carmichael, Joseph C; Mills, Steven D; Stamos, Michael J; Pigazzi, Alessio	Y	5	
28782114	Cancer survivorship and opioid prescribing rates: A population-based matched cohort study among individuals with and without a history of cancer.	2017	Cancer	Sutradhar, Rinku; Lokku, Armend; Barbera, Lisa	Y	13	
28780607	Strategies to Identify and Reduce Opioid Misuse Among Patients with Gastrointestinal Disorders: A Systematic Scoping Review.	2017	Digestive Diseases And Sciences	Balbale, Salva N; Trivedi, Itishree; O'Dwyer, Linda C; McHugh, Megan C; Evans, Charlesnika T; Jordan, Neil; Keefer, Laurie A; Mylonas, Konstantinos S; Reinhard, Michael; Ott, Lauren R; Westfall, Maggie L; Masiakos, Peter T	Y	1	
28778580	Patient-reported opioid analgesic requirements after elective inguinal hernia repair: A call for procedure-specific opioid-administration strategies.	2017	Surgery	Buchakjian, Marisa R; Davis, Andrew B; Sciegienka, Sebastian J; Pagedar, Nitin A; Sperry, Steven M	Y	5	
28770621	Longitudinal Perioperative Pain Assessment in Head and Neck Cancer Surgery.	2017	The Annals Of Otology, Rhinology, And Laryngology	Buysechts, Krista F; Bateman, Brian T; Desai, Rishi J; Hernandez-Diaz, Sonia; Rough, Kathryn; Mogun, Helen; Kerzner, Leslie S; Davis, Jonathan M; Stover, Megan; Bartels, Devan; Cottrial, Jennifer; Patorno, Elisabetta	Y	1	
28768628	Risk of neonatal drug withdrawal after intrauterine co-exposure to opioids and psychotropic medications: cohort study.	2017	BMJ (Clinical Research Ed.)		Y	27	
28768328	Prescription Opioid Analgesics Commonly Unused After Surgery: A Systematic Review.	2017	JAMA Surgery	Bicket, Mark C; Long, Jane J; Pronovost, Peter J; Alexander, G Caleb; Wu, Christopher L	Y	71	
28768314	Low-Dose Naltrexone Treatment of Familial Benign Pemphigus (Hailey-Hailey Disease).	2017	JAMA Dermatology	Ibrahim, Omer; Hogan, Sara R; Vij, Alok; Fernandez, Anthony P	Y	8	
28767611	Pregabalin can decrease acute pain and postoperative nausea and vomiting in hysterectomy: A meta-analysis.	2017	Medicine	Wang, Yi-Ming; Xia, Min; Shan, Nan; Yuan, Ping; Wang, Dong-Lin; Shao, Jiang-He; Ma, Hui-Wen; Wang, Lu-Lu; Zhang, Yuan	Y	2	
28763422	In Spite of Limited Generalizability, New Findings Reinforce the Lesson That Long-Term Opioid Use Is Not Attributable to Surgical Pain: Commentary on an article by Andrew J. Schoenfeld, MD, MSc, et al.: "Risk Factors for Prolonged Opioid Use Following Spine Surgery, and the Association with Surgical Intensity, Among Opioid-Naïve Patients".	2017	The Journal Of Bone And Joint Surgery. American Volume	Barth, Robert J	Y	Not found on Microsoft Academic	
28763413	Ultrasound-Guided Motor-Sparing Knee Blocks for Postoperative Analgesia Following Total Knee Arthroplasty: A Randomized Blinded Study.	2017	The Journal Of Bone And Joint Surgery. American Volume	Sogbein, Olawale A; Sondekoppam, Rakesh V; Bryant, Dianne; Johnston, David F; Vasantha, Edward M; MacDonald, Steven; Lanting, Brent; Ganapathy, Sugantha; Howard, James L	Y	3	
28762150	Editorial: The Opioid Epidemic and Orthopaedic Surgery-No Pain, Who Gains?	2017	Clinical Orthopaedics And Related Research	Leopold, Seth S; Beaulieu, Lee	Y	0	
28761945	Prescription Opioid Use, Misuse, and Use Disorders in U.S. Adults: 2015 National Survey on Drug Use and Health.	2017	Annals Of Internal Medicine	Han, Beth; Compton, Wilson M; Blanco, Carlos; Crane, Elizabeth; Lee, Jinhee; Jones, Christopher M	Y	110	
28749880	Codeine and Tramadol Contraindicated for Pediatric Use.	2017	The American Journal Of Nursing	Aschenbrenner, Diane S	Y	1	
28746269	Transversus Abdominis Plane Blocks with Single-Dose Liposomal Bupivacaine in Conjunction with a Nonnarcotic Pain Regimen Help Reduce Length of Stay following Abdominoplasty-Based Microsurgical Breast Reconstruction.	2017	Plastic And Reconstructive Surgery	Jablonska, Eric M; Lamelas, Andreas M; Kim, Julie N; Molina, Bianca; Molina, Nathan; Okwali, Michelle; Samson, William; Sultan, Mark R; Dayan, Joseph H; Smith, Mark L	Y	1	

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28746153	A Randomized Controlled Trial of Postoperative Thoracic Epidural Analgesia Versus Intravenous Patient-controlled Analgesia After Major Hepatopancreaticobiliary Surgery.	2017	Annals Of Surgery	Alia, Thomas A; Kim, Bradford J; Segraves-Chun, Yun Shin; Cata, Juan P; Truty, Mark J; Shi, Qiuiling; Holmes, Alexander; Soliz, Jose M; Popat, Keyuri U; Rahifs, Thomas F; Lee, Jeffrey E; Wang, Xin Shelley; Morris, Jeffrey S; Gottumukkala, Vijaya N R; Vauthay, Jean-Nicolas Mueller, Kathryn G; Memtsoudis, Stavros G; Mariano, Edward R; Baker, Laurence C; Mackey, Sean; Sun, Eric C	Y				14
28742777	Lack of Association Between the Use of Nerve Blockade and the Risk of Persistent Opioid Use Among Patients Undergoing Shoulder Arthroplasty: Evidence From the Marketscan Database.	2017	Anesthesia And Analgesia	Vetter, Thomas R; Kain, Zeev N			Y		6
28742770	Role of the Perioperative Surgical Home in Optimizing the Perioperative Use of Opioids.	2017	Anesthesia And Analgesia	Lui, M W; Li, T K T; Lui, F; Ong, C Y T		Y			3
28741652	A randomised, controlled trial of rectus sheath bupivacaine and intrathecal bupivacaine, without or with intrathecal morphine, vs. intrathecal bupivacaine and morphine after caesarean section.	2017	Anaesthesia	Dosenovic, Svetlana; Jelicic Kadic, Antonia; Miljanovic, Maja; Biocic, Marina; Boric, Krste; Cavar, Marija; Markovina, Nikolina; Vucic, Katarina; Puliak, Ljilja Van Cleve, William C		Y			3
28731977	Interventions for Neuropathic Pain: An Overview of Systematic Reviews.	2017	Anesthesia And Analgesia	Leung, Jacqueline M; Sands, Laura P; Chen, Ningning; Ames, Christopher; Berven, Sigurd; Bozic, Kevin; Burch, Shane; Chou, Dean; Covinsky, Kenneth; Deviren, Vedat; Kinjo, Sakura; Kramer, Joel H; Ries, Michael; Tay, Bobby; Vall, Thomas; Weinstein, Philip; Chang, Stacey; Meckler, Gabriela; Newman, Stacey; Tsai, Tiffany; Voss, Vanessa; Youngblom, Emily		Y			14
28727866	Pediatric Posttonsillectomy Analgesia Before and After the Black Box Warning Against Codeine Use.	2017	JAMA Otolaryngology-- Head & Neck Surgery	Bernstein, Joseph		Y			0
28727581	Perioperative Gabapentin Does Not Reduce Postoperative Delirium in Older Surgical Patients: A Randomized Clinical Trial.	2017	Anesthesiology	Jin, Seok-Joon; Park, Jun-Young; Kim, Doo-Hwan; Yoon, Syn-Hae; Kim, Eunkyu; Hwang, Jai-Hyun; Song, Cheryn; Kim, Young-Kug		Y			Not found on Microsoft Academic
28725957	Not the Last Word: Viscosupplementation, Opioid Overuse, and the Excesses of Empathy.	2017	Clinical Orthopaedics And Related Research Medicine	Sabourdin, Nada; Barrois, Jerome; Louvet, Nicolas; Rigouzzo, Agnes; Guye, Marie-Laurence; Dadure, Christophe; Constant, Isabelle Maher, Dermot P; Cohen, Steven P		Y			0
28723795	Comparison of postoperative pain between laparoscopic and robot-assisted partial nephrectomies for renal tumors: A propensity score matching analysis.	2017	Anesthesiology	Cairns, Elizabeth A; Kelly, Melanie E M		Y			0
28719527	Pupilometry-guided Intraoperative Remifentanil Administration versus Standard Practice Influences Opioid Use: A Randomized Study.	2017	Anesthesia And Analgesia	Frank, Joseph W; Lovejoy, Travis I; Becker, William C; Morasco, Benjamin J; Koenig, Christopher J; Hoffecker, Lilian; Dischinger, Hannah R; Dobscha, Steven K; Krebs, Erin E		Y			6
28719427	Opioid Reduction Following Interventional Procedures for Chronic Pain: A Synthesis of the Evidence.	2017	CMAJ : Canadian Medical Association Journal (Journal De L'Association Medcale Canadienne)	Dowell, Deborah; Haegerich, Tamara M		Y			1
28716846	Why support a separate medical access framework for cannabis?	2017	Annals Of Internal Medicine	Bonnie, Richard J; Kesselheim, Aaron S; Clark, David J		Y			3
28715848	Patient Outcomes in Dose Reduction or Discontinuation of Long-Term Opioid Therapy: A Systematic Review.	2017	Annals Of Internal Medicine	Liebschutz, Jane M; Xuan, Ziming; Shanahan, Christopher W; LaRochelle, Marc; Keosanian, Julia; Beers, Donna; Guara, George; O'Connor, Kristen; Alford, Daniel P; Parker, Victoria; Weiss, Roger D; Samet, Jeffrey H; Crosson, Julie; Cushman, Phoebe A; Lasser, Karen E		Y			40
28715842	Changing the Conversation About Opioid Tapering.	2017	Annals Of Internal Medicine	Dowell, Deborah; Haegerich, Tamara M		Y			1
28715551	Both Urgency and Balance Needed in Addressing Opioid Epidemic: A Report From the National Academies of Sciences, Engineering, and Medicine.	2017	JAMA	Bonnie, Richard J; Kesselheim, Aaron S; Clark, David J		Y			16
28715535	Improving Adherence to Long-term Opioid Therapy Guidelines to Reduce Opioid Misuse in Primary Care: A Cluster-Randomized Clinical Trial.	2017	JAMA Internal Medicine	Thiels, Cornelius A; Anderson, Stephanie S; Ubl, Daniel S; Hanson, Kristine T; Bergquist, Whitney J; Gray, Richard J; Gazelka, Halena M; Cima, Robert R; Habermann, Elizabeth B; Jetting, Y; Weibel, S; Afshari, A; Pace, N L; Jokinen, J; Artmann, T; Eberhart, L H J; Kranke, P		Y			19
28697049	Wide Variation and Overprescription of Opioids After Elective Surgery.	2017	Annals Of Surgery	Mazloomdoost, Donna; Pauls, Rachel N; Hennen, Erin N; Yeung, Jennifer Y; Smith, Benjamin C; Kleeman, Steven D; Crisp, Catrina C		Y			35
28695584	Patient-controlled analgesia with remifentanil vs. alternative parenteral methods for pain management in labour: a Cochrane systematic review.	2017	Anaesthesia	Jelting, Y; Weibel, S; Afshari, A; Pace, N L; Jokinen, J; Artmann, T; Eberhart, L H J; Kranke, P		Y			8
28694151	Liposomal bupivacaine decreases pain following retroperitoneal sling placement: a randomized placebo-controlled trial.	2017	American Journal Of Obstetrics And Gynecology	Mazloomdoost, Donna; Pauls, Rachel N; Hennen, Erin N; Yeung, Jennifer Y; Smith, Benjamin C; Kleeman, Steven D; Crisp, Catrina C		Y			6

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28692390	Use of Emergency Department Data to Monitor and Respond to an Increase in Opioid Overdoses in New Hampshire, 2011-2015.	2017	Public Health Reports (Washington, D.C.: 1974)	Daly, Elizabeth R; Dufault, Kenneth; Swenson, David J; Lakevicius, Paul; Metcalf, Erin; Chan, Benjamin P		Y		4
28690076	Patient Nonadherence to Guideline-Recommended Care in Acute Low Back Pain.	2017	Archives Of Physical Medicine And Rehabilitation	Bier, Jasper D; Kamper, Steven J; Verhagen, Arianne P; Maher, Christopher G; Williams, Christopher M				0
28682892	In patients undergoing fast track total knee arthroplasty, addition of buprenorphine to a femoral nerve block has no clinical advantage: A prospective, double-blinded, randomized, placebo controlled trial.	2017	Medicine	van Beek, Rienk; Zonneveldt, Harry J; van der Ploeg, Tjeerd; Steens, Jeroen; Lirk, Phillip; Hollmann, Marcus W		Y		2
28682889	Femoral nerve block versus fascia iliaca block for pain control in total knee and hip arthroplasty: A meta-analysis from randomized controlled trials.	2017	Medicine	Wang, Xin; Sun, Yuan; Wang, Li; Hao, Xuelian	Y			4
28682872	Liposomal bupivacaine versus interscalene nerve block for pain control after shoulder arthroplasty: A meta-analysis.	2017	Medicine	Yan, Zeng; Chen, Zong; Ma, Chuangen		Y		3
28678072	The US Opioid Crisis: A Role for Enhanced Recovery After Surgery.	2017	Anesthesia And Analgesia	Stone, Alexander B; Wick, Elizabeth C; Wu, Christopher L; Grant, Michael C		Y		6
28668543	Decreasing Opioid Utilization in Rehabilitation Patients Using a Clinical Nurse Specialist Pain Consultant Program.	2017	Archives Of Physical Medicine And Rehabilitation	Urton, Michael S; Rohlik, Elaine; Farrell, Meagan; Ng, Wing; Woodard, Elizabeth K		Y		1
28668452	Toasted: The Perils of Home Remedy.	2017	Gastroenterology	Curtin, Bryan F; Abichandani, Sonia; von Rosenvinge, Erik C		Y		0
28663395	A pragmatic randomised controlled trial comparing the efficacy of a femoral nerve block and periaricular infiltration for early pain relief following total knee arthroplasty.	2017	The Bone & Joint Journal	Wall, P D H; Parsons, N R; Parsons, H; Achten, J; Balasubramanian, S; Thompson, P; Costa, M L	Y			5
28663389	An epidemic of the use, misuse and overdose of opioids and deaths due to overdose, in the United States and Canada: is Europe next?	2017	The Bone & Joint Journal	Helmerhorst, G T; Teunis, T; Janssen, S J; Ring, D		Y		22
28662233	Control of Pain After Tonsillectomy in Children: A Review.	2017	JAMA Otolaryngology-- Head & Neck Surgery	Tan, Grace X; Tunkel, David E		Y		5
28658164	The analgesic efficacy of oxycodone hydrochloride versus fentanyl during outpatient artificial abortion operation: A randomized trial.	2017	Medicine	Xie, Kangjie; Zhang, Wen; Fang, Wumei; Lian, Yanhong; Lin, Sufeng; Fang, Jun		Y		2
28658096	Is pregabalin effective and safe in total knee arthroplasty? A PRISMA-compliant meta-analysis of randomized-controlled trials.	2017	Medicine	Han, Chao; Kuang, Ming-Jie; Ma, Jian-Xiong; Ma, Xin-Long		Y		2
28652122	Predictors of Hospital Admission and Urological Intervention in Adult Emergency Department Patients with Computerized Tomography Confirmed Ureteral Stones.	2017	The Journal Of Urology	Daniels, Brock; Schoenfeld, Elizabeth; Taylor, Andrew; Weisenthal, Karinn; Singh, Dinesh; Moore, Christopher L		Y		1
28645462	Analgesication Practices and the Impact of Sedation Depth on Clinical Outcomes Among Patients Requiring Mechanical Ventilation in the ED: A Cohort Study.	2017	Chest	Stephens, Robert J; Ablordeppéy, Enyo; Drewry, Anne M; Palmer, Christopher; Wessman, Brian T; Mohr, Nicholas M; Roberts, Brian W; Liang, Stephen Y; Kollef, Marin H; Fuller, Brian M				2
28645415	Pain and Empathy.	2017	Annals Of Emergency Medicine	Lerner, Joshua C		Y		1
28640101	Liposomal bupivacaine versus traditional bupivacaine for pain control after total hip arthroplasty: A meta-analysis.	2017	Medicine	Ma, Ting-Ting; Wang, Yu-Hui; Jiang, Yun-Feng; Peng, Cong-Bin; Yan, Chao; Liu, Zi-Gui; Xu, Wei-Xing		Y		6
28640078	Prospective observational pharmacogenetic study of side effects induced by intravenous morphine for postoperative analgesia.	2017	Medicine	Chen, Li-Kuei; Wang, Mao-Hsien; Yang, Hong-Jyh; Fan, Shou-Zen; Chen, Shiou-Sheng		Y		3
28636707	Incidence and Predictors of Opioid Prescription at Discharge After Traumatic Injury.	2017	JAMA Surgery	Chaudhary, Muhammad Ali; Schoenfeld, Andrew J; Harlow, Alyssa F; Ranjit, Anju; Scully, Rebecca; Chowdhury, Ritam; Sharma, Meesha; Nitschke, Stephanie; Koehlmoos, Tracey; Haider, Adil H		Y		7
28635354	The effects of food on opioid-induced nausea and vomiting and pharmacological parameters: a systematic review.	2017	Postgraduate Medicine	Raffa, Robert B; Colucci, Robert; Pergolizzi, Joseph V	Y			0
28635179	Changing Trends in Opioid Use Among Patients With Rheumatoid Arthritis in the United States.	2017	Arthritis & Rheumatology (Hoboken, N.J.)	Curtis, Jeffrey R; Xie, Fenglong; Smith, Christian; Saag, Kenneth G; Chen, Lang; Beukelman, Timothy; Mannion, Melissa; Yun, Huifeng; Kertesz, Stefan		Y		5
28632535	Perioperative Surgical Home: Evaluation of a New Protocol Focused on a Multidisciplinary Approach to Manage Children Undergoing Posterior Spinal Fusion Operation.	2017	Anesthesia And Analgesia	Kim, Eugene; Lee, Brian; Cucchiaro, Giovanni	Y			1
28632527	Assessment of Postoperative Analgesic Drug Efficacy: Method of Data Analysis is Critical.	2017	Anesthesia And Analgesia	Andersen, Lars Peter Kloster; Gogenur, Ismail; Torup, Henrik; Rosenberg, Jacob; Werner, Mads Utke	Y			1
28628575	The Analgesia Nociception Index: Tailoring Opioid Administration.	2017	Anesthesia And Analgesia	Daccache, Georges; Jeanne, Mathieu; Fletcher, Dominique		Y		3
28624028	Impact of long-acting local anesthesia on clinical and financial outcomes in laparoscopic colorectal surgery.	2017	American Journal Of Surgery	Keller, Deborah S; Pedraza, Rodrigo; Tahilramani, Reena N; Flores-Gonzalez, Juan R; Ibarra, Sergio; Haas, Eric M		Y		4
28622177	Postoperative Respiratory Complications in Patients at Risk for Obstructive Sleep Apnea: A Single-Institution Cohort Study.	2017	Anesthesia And Analgesia	Ramachandran, Satya Krishna; Pandit, Jaideep; Devine, Scott; Thompson, Aleda; Shanks, Amy				8

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28619266	Patterns of use and factors associated with early discontinuation of opioids following major trauma.	2017	American Journal Of Surgery	Chaudhary, Muhammad Ali; Scully, Rebecca; Jiang, Wei; Chowdhury, Ritam; Zogg, Cheryl K; Sharma, Meesha; Ranjit, Anju; Koehlmoos, Tracey; Haider, Adil H; Schoenfeld, Andrew J		Y		1
28614232	The efficiency and safety of dexamethasone for pain control in total joint arthroplasty: A meta-analysis of randomized controlled trials.	2017	Medicine	Meng, Jian; Li, Lin		Y	Not found on Microsoft Academic	
28614221	Correlation of MDR1 gene polymorphisms with anesthetic effect of sevoflurane-remifentanil following pediatric tonsillectomy.	2017	Medicine	Shi, Nian-Jun; Zhang, Wei-Xia; Zhang, Ning; Zhong, Li-Na; Wang, Ling-Ping		Y	Not found on Microsoft Academic	
28614132	The Effect of Chronic Opioid Use on End-Tidal Concentration of Sevoflurane Necessary to Maintain a Bispectral Index Below 50: A Prospective, Single-Blind Study.	2017	Anesthesia And Analgesia	Oh, Tak Kyu; Eom, Woosik; Yim, Jiyeon; Kim, Namwoo; Kwon, KyungHo; Kim, Seong-Eun; Kim, Dae Hyun		Y		0
28614130	A Perspective on Hypercapnic Events After Cesarean Delivery in Women Receiving Intrathecal Morphine.	2017	Anesthesia And Analgesia	Carvalho, Brendan; Weininger, Carolyn F		Y		0
28614083	Pain Catastrophizing Moderates Relationships between Pain Intensity and Opioid Prescription: Nonlinear Sex Differences Revealed Using a Learning Health System.	2017	Anesthesiology	Sharifzadeh, Yasamin; Kao, Ming-Chih; Sturgeon, John A; Rico, Thomas J; Mackey, Sean; Darnall, Beth D				4
28610880	Comparison of Analgesic Efficacy of Laparoscope-Assisted and Ultrasound-Guided Transversus Abdominis Plane Block after Laparoscopic Colorectal Operation: A Randomized, Single-Blind, Non-Inferiority Trial.	2017	Journal Of The American College Of Surgeons	Park, Soo Yeon; Park, Jun Seok; Choi, Gyu-Seog; Kim, Hye Jin; Moon, Suyoung; Yeo, Jinseok		Y		4
28608958	Meta-analysis of hybrid natural-orifice transluminal endoscopic surgery versus laparoscopic surgery.	2017	The British Journal Of Surgery	Steinemann, D C; Muller, P C; Probst, P; Schwarz, A-C; Buchler, M W; Muller-Stich, B P; Link, G R		Y		7
28601270	Comparative Effectiveness of Patient-Controlled Analgesia for Treating Acute Pain in the Emergency Department.	2017	Annals Of Emergency Medicine	Bijur, Polly E; Mills, Angela M; Chang, Andrew K; White, Deborah; Restivo, Andrew; Persaud, Shaun; Schechter, Clyde B; Gallagher, E John; Birnbaum, Adrienne J		Y		1
28598927	Intraoperative "Analgesia Nociception Index"-Guided Fentanyl Administration During Sevoflurane Anesthesia in Lumbar Discectomy and Laminectomy: A Randomized Clinical Trial.	2017	Anesthesia And Analgesia	Upton, Henry D; Ludbrook, Guy L; Wing, Andrew; Sleigh, Jamie W		Y		11
28598907	Treating pain on skin graft donor sites: Review and clinical recommendations.	2017	The Journal Of Trauma And Acute Care Surgery	Sinha, Sarthak; Schreiner, Amanda J; Biernaskie, Jeff; Nickerson, Duncan; Gabriel, Vincent A				3
28594766	Postdischarge Opioid Use After Cesarean Delivery.	2017	Obstetrics And Gynecology	Osmundson, Sarah S; Schornack, Leslie A; Grasch, Jennifer L; Zuckerman, Lisa C; Young, Jessica L; Richardson, Michael G		Y		16
28594763	Patterns of Opioid Prescription and Use After Cesarean Delivery.	2017	Obstetrics And Gynecology	Bateman, Brian T; Cole, Naida M; Maeda, Ayumi; Burns, Sara M; Houle, Timothy T; Huybrechts, Krista F; Clancy, Caitlin R; Hopp, Stephanie B; Ecker, Jeffrey L; Ende, Holly; Grewe, Kasey; Raposo Corradini, Beatriz; Schoenfeld, Robert E; Sankar, Keerthana; Day, Lori J; Harris, Lynnette; Booth, Jessica L; Flood, Pamela; Bauer, Melissa E; Tsien, Lawrence C; Landau, Ruth; Leffert, Lisa R		Y		24
28594762	A Shared Decision-Making Intervention to Guide Opioid Prescribing After Cesarean Delivery.	2017	Obstetrics And Gynecology	Prabhu, Malavika; McQuaid-Hanson, Emily; Hopp, Stephanie; Burns, Sara M; Leffert, Lisa R; Landau, Ruth; Lauffenburger, Julie C; Choudhry, Niteesh K; Kaimal, Anjali; Bateman, Brian T		Y		9
28590302	A Subregion of the Parabrachial Nucleus Partially Mediates Respiratory Rate Depression from Intravenous Remifentanil in Young and Adult Rabbits.	2017	Anesthesiology	Miller, Justin R; Zuperku, Edward J; Stuth, Eckehard A E; Banerjee, Anujshnu; Hopp, Francis A; Stucke, Astrid G		Y		5
28586638	Efficacy of Codeine When Added to Paracetamol (Acetaminophen) and Ibuprofen for Relief of Postoperative Pain After Surgical Removal of Impacted Third Molars: A Double-Blinded Randomized Control Trial.	2017	Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Best, Adrian D; De Silva, R K; Thomson, W M; Tong, Darryl C; Cameron, Claire M; De Silva, Harsha L		Y		7
28584059	Alabama "pill mill" doctors get 20 year prison sentence.	2017	BMJ (Clinical Research Ed.)	Dyer, Owen		Y		0
28575901	Dissemination Approaches to Participating Primary Care Providers in a Quality Improvement Program Addressing Opioid Use in Central Appalachia.	2017	Southern Medical Journal	Cardarelli, Roberto; Workman, Charlotte Sue; Weatherford, Sarah; Whanger, Stacey; King, Dana E				1
28574523	Neuropathic pain treatment provides unexpected benefit.	2017	The Journal Of Family Practice	Keesling, Adam D; Wilson, Meg; Wilkins, Robert		Y	Not found on Microsoft Academic	
28564673	Postoperative Multimodal Analgesia Pain Management With Nonopiod Analgesics and Techniques: A Review.	2017	JAMA Surgery	Wick, Elizabeth C; Grant, Michael C; Wu, Christopher L		Y		52
28564563	The Other Victims of the Opioid Epidemic.	2017	The New England Journal Of Medicine	Glod, Susan A		Y		7
28564561	A 1980 Letter on the Risk of Opioid Addiction.	2017	The New England Journal Of Medicine	Leung, Pamela T M; Macdonald, Erin M; Stanbrook, Matthew B; Dhalla, Ifran A; Juurlink, David N		Y		39

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28564549	The Role of Science in Addressing the Opioid Crisis.	2017	The New England Journal Of Medicine	Volkow, Nora D; Collins, Francis S		Y		94
28562567	Successful treatment of refractory cancer pain with morphine and ropivacaine: A case report.	2017	Medicine	Li, Hongyan; Yang, Lijiang; Guo, Zhaoxuan; Tang, Yuanzhang; Chen, Nan; Lu, Yinying; Ni, Jiaxiang		Y	1	
28554194	New Department of Veterans Affairs and Department of Defense Guidelines on Pain Management With Opioids: Comment and Concern.	2017	Annals Of Internal Medicine	McLellan, A Thomas		Y		0
28551445	Decreasing postoperative narcotics in reconstructive pelvic surgery: a randomized controlled trial.	2017	American Journal Of Obstetrics And Gynecology	Reagan, Krista M L; O'Sullivan, David M; Gannon, Richard; Steinberg, Adam C		Y		4
28542675	Analgesic Effects of Intravenous Acetaminophen vs Placebo for Endoscopic Sinus Surgery and Postoperative Pain: A Randomized Clinical Trial.	2017	JAMA Otolaryngology-- Head & Neck Surgery	Tyler, Matthew A; Lam, Kent; Ashoori, Faramarz; Cai, Chunyan; Kain, Joshua J; Fakhri, Samer; Citardi, Martin J; Cattano, Davide; Luong, Amber			3	
28542002	Assessment of Behavioral Disruption in Rats with Abdominal Inflammation Using Visual Cue Titration and the Five-choice Serial-reaction Time Task.	2017	Anesthesiology	Martin, Thomas J; Strassburg, Tracy J; Grigg, Amanda L; Kim, Susy A; Ririe, Douglas G; Eisenach, James C	Y		1	
28542001	Acetaminophen Metabolite N-Acylphenolamine Induces Analgesia via Transient Receptor Potential Vanilloid 1 Receptors Expressed on the Primary Afferent Terminals of C-fibers in the Spinal Dorsal Horn.	2017	Anesthesiology	Ohashi, Nobuko; Uta, Daisuke; Sasaki, Miwa; Ohashi, Masayuki; Kamiya, Yoshinori; Kohno, Tatsuro			1	
28538404	Pregabalin can decrease acute pain and morphine consumption in laparoscopic cholecystectomy patients: A meta-analysis of randomized controlled trials.	2017	Medicine	Li, Shijie; Guo, Junqiang; Li, Fangjun; Yang, Zhihua; Wang, Shuai; Qin, Changjiang		Y		4
28537967	Nortriptyline Enhances Morphine-Conditioned Place Preference in Neuropathic Rats: Role of the Central Noradrenergic System.	2017	Anesthesia And Analgesia	Mi, Wenli; Wang, Shuxing; You, Zerong; Lim, Grewo; McCabe, Michael F; Kim, Hyangin; Chen, Lucy; Mao, Jianren		Y		1
28531306	Association of Long-term Opioid Therapy With Functional Status, Adverse Outcomes, and Mortality Among Patients With Polyneuropathy.	2017	JAMA Neurology	Hoffman, E Matthe; Watson, James C; St Sauver, Jennifer; Staff, Nathan P; Klein, Christopher J			18	
28531257	Lack of Evidence for Benefit From Long-term Use of Opioid Analgesics for Patients With Neuropathy.	2017	JAMA Neurology	Volkow, Nora D; Koroshetz, Walter		Y		4
28525512	Parecoxib Supplementation to Morphine Analgesia Decreases Incidence of Delirium in Elderly Patients After Hip or Knee Replacement Surgery: A Randomized Controlled Trial.	2017	Anesthesia And Analgesia	Mu, Dong-Liang; Zhang, Da-Zhi; Wang, Dong-Xin; Wang, Geng; Li, Chun-Jing; Meng, Zhao-Ting; Li, Ya-Wei; Liu, Chao; Li, Xue-Ying			6	
28523574	Medical Management of Pain in Chronic Pancreatitis.	2017	Digestive Diseases And Sciences	Singh, Vikesh K; Drewes, Asbjorn M		Y		1
28520835	Primary Care of Patients With Chronic Pain.	2017	JAMA	Schneiderhan, Jill; Clauw, Daniel; Schwenk, Thomas L		Y		14
28514299	Application of a buprenorphine transdermal patch for the perioperative analgesia in patients who underwent simple lumbar discectomy.	2017	Medicine	Tang, Jian; Fan, Jin; Yao, Yilun; Cai, Weihua; Yin, Guoyong; Zhou, Wei		Y		0
28511196	To Stop or Not, That Is the Question: Acute Pain Management for the Patient on Chronic Buprenorphine.	2017	Anesthesiology	Anderson, T Anthony; Quaye, Aurora N A; Ward, E Nalan; Wilens, Timothy E; Hilliard, Paul E; Brummett, Chad M	Y			15
28510669	Postoperative Opioid Prescribing and the Pain Scores on Hospital Consumer Assessment of Healthcare Providers and Systems Survey.	2017	JAMA	Lee, Jay S; Hu, Hsou M; Brummett, Chad M; Syriamaki, John D; Dupree, James M; Englesbe, Michael J; Waljee, Jennifer F			12	
28509820	Impact of Preoperative Opioid Use on Total Knee Arthroplasty Outcomes.	2017	The Journal Of Bone And Joint Surgery. American Volume	Smith, Savannah R; Bido, Jennifer; Collins, Jamie E; Yang, Heidi; Katz, Jeffrey N; Losina, Elena		Y		22
28509796	Disposition of Remifentanil in Obesity: A New Pharmacokinetic Model Incorporating the Influence of Body Mass.	2017	Anesthesiology	Kim, Tae Kyun; Obara, Shinju; Egan, Talmage D; Mintz, Charles F; La Colla, Luca; Drover, David R; Vuyk, Jaap; Mertens, Martijn		Y		6
28509793	Remifentanil Dosing at Extremes of Body Weight.	2017	Anesthesiology	Shafer, Steven L; Fisher, Dennis M		Y		1
28506855	Rates and Risk Factors for Opioid Dependence and Overdose after Urological Surgery.	2017	The Journal Of Urology	Shah, Arpeet S; Blackwell, Robert H; Kuo, Paul C; Gupta, Gopal N		Y		9
28504988	The Labor Analgesia Requirements in Nulliparous Women Randomized to Epidural Catheter Placement in a High or Low Intervertebral Space.	2017	Anesthesia And Analgesia	Moore, Albert; Villeneuve, Valerie; Bravim, Bruno; El-Bahrawy, Aly; El-Mouallem, Eva; Kaufman, Ian; Hatzakorzin, Roupen; Li Pi Shan, William		Y		1
28500589	Prospective Analysis of Minor Adverse Events After Colon Polypectomy.	2017	Digestive Diseases And Sciences	Park, Soo-Kyung; Lee, Min-Gu; Jeong, Seok Hyeon; Yang, Hyo-Joon; Jung, Yoon Suk; Choi, Kyu Yong; Kim, Hungdai; Kim, Hyung Ock; Jeong, Kyung Uk; Chun, Ho-Kyung; Park, Dong Il		Y		0
28494058	Management of Chronic Pain in the Aftermath of the Opioid Backlash.	2017	JAMA	Kroenke, Kurt; Cheville, Andrea		Y		17
28492816	Enhanced Recovery After Surgery Program Implementation in 2 Surgical Populations in an Integrated Health Care Delivery System.	2017	JAMA Surgery	Liu, Vincent X; Rosas, Efren; Hwang, Judith; Cain, Eric; Foss-Durant, Anne; Clopp, Molly; Huang, Mengfei; Lee, Derrick C; Mustile, Alex; Kipnis, Patricia; Parodi, Stephen			14	
28489787	A systematic review and meta-analysis of intravenous glucocorticoids for acute pain following total hip arthroplasty.	2017	Medicine	Li, Xiuhua; Sun, Zheng; Han, Chengbing; He, Liangliang; Wang, Baoguo		Y		3

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		Year	Month				[2]		
28489762	Comparison of local infiltration analgesia and sciatic nerve block as an adjunct to femoral nerve block for pain control after total knee arthroplasty: A systematic review and meta-analysis.	2017		Medicine	Zhang, Zhi; Yang, Qing; Xin, Wenqi; Zhang, Yixuan		Y		0
28489643	Factors Influencing Quality of Pain Management in a Physician Staffed Helicopter Emergency Medical Service.	2017		Anesthesia And Analgesia	Oberholzer, Nicole; Kaserer, Alexander; Albrecht, Roland; Seifert, Burkhardt; Tissi, Mario; Spahn, Donat R; Maurer, Konrad; Stein, Philipp		Y		3
28489639	Evaluation of Analgesia, Tolerance, and the Mechanism of Action of Morphine-6-O-Sulfate Across Multiple Pain Modalities in Sprague-Dawley Rats.	2017		Anesthesia And Analgesia	Yadlapalli, Jai Shankar K; Dogra, Navdeep; Walbaum, Anqi W; Wessinger, William D; Prather, Paul L; Crooks, Peter A; Dobretsov, Maxim				2
28487289	Pain specialists call for annual review of long term opioid use.	2017		BMJ (Clinical Research Ed.)	Torjesen, Ingrid		Y		0
28483845	Guideline for opioid therapy and chronic noncancer pain.	2017		CMAJ : Canadian Medical Association Journal (Journal De L'Association Medicale Canadienne)	Busse, Jason W; Craigie, Samantha; Juurlink, David N; Buckley, D Norman; Wang, Li; Couban, Rachel J; Agoritsas, Thomas; Akl, Elie A; Carrasco-Labra, Alonso; Cooper, Lynn; Cull, Chris; da Costa, Bruno R; Frank, Joseph W; Grant, Gus; Iorio, Alfonso; Persaud, Navindra; Stern, Sol; Tugwell, Peter; Vandvik, Per Olav; Guyatt, Gordon H		Y		73
28483843	New Canadian guidance on opioid use for chronic pain: necessary but not sufficient.	2017		CMAJ : Canadian Medical Association Journal (Journal De L'Association Medicale Canadienne)	Furlan, Andrea D; Williamson, Owen D		Y		2
28455085	Randomized controlled trial of intravenous acetaminophen for postcesarean delivery pain control.	2017		American Journal Of Obstetrics And Gynecology	Altenau, Brie; Crisp, Catrina C; Devaiah, C Gangar; Lambers, Donna S				2
28448398	Intrathecal Morphine Versus Extended-Release Epidural Morphine for Postoperative Pain Control in Pediatric Patients Undergoing Posterior Spinal Fusion.	2017		Anesthesia And Analgesia	Cohen, Mindy; Zuk, Jeannie; McKay, Nancy; Erickson, Mark; Pan, Zhaoxing; Galinkin, Jeffrey				2
28448397	Prophylactic Pentazocine Reduces the Incidence of Pruritus After Cesarean Delivery Under Spinal Anesthesia With Opioids: A Prospective Randomized Clinical Trial.	2017		Anesthesia And Analgesia	Hirabayashi, Masato; Doi, Katsushi; Imamachi, Noritaka; Kishimoto, Tomomune; Saito, Yoji				1
28448346	In Defense of Routine Inpatient Pain Assessment.	2017		The American Journal Of Nursing Postgraduate Medicine	Soliduk, Jean C; Curley, Martha A Q		Y		0
28447542	Assessing outcomes of educational videos in group visits for patients with chronic pain at an academic primary care clinic.	2017		The American Journal Of Nursing Postgraduate Medicine	Vogler, Carrie N; Sattovia, Stacy; Salazar, Laura Y; Leung, Tiffany I; Botchway, Albert		Y		0
28445584	Chronic Opioid Use Following Surgery for Oral Cavity Cancer.	2017		JAMA Otolaryngology-- Head & Neck Surgery	Pang, John; Tringale, Kathryn R; Tapia, Viridiana J; Moss, William J; May, Megan E; Furnish, Timothy; Barnachea, Linda; Brumund, Kevin T; Sacco, Assunta G; Weisman, Robert A; Nguyen, Quyen T; Harris, Jeffrey P; Coffey, Charles S; Califano, Joseph A 3rd		Y		12
28445354	A Prospective Randomized Trial Comparing the Effects of Lidocaine in Breast Reduction Surgery.	2017		Plastic And Reconstructive Surgery	Christie, Brian M; Kapur, Sahil; Kempton, Steve J; Hanson, Summer E; Ma, Yue; Rao, Venkat K		Y		2
28445352	Consensus Review of Optimal Perioperative Care in Breast Reconstruction: Enhanced Recovery after Surgery (ERAS) Society Recommendations.	2017		Plastic And Reconstructive Surgery	Temple-Oberle, Claire; Shea-Budgell, Melissa A; Tan, Mark; Semple, John L; Schrag, Christaan; Barreto, Marco; Blondeel, Phillip; Hamming, Jeremy; Dayan, Joseph; Ljungqvist, Olle		Y		16
28431428	Computational and In Vitro Experimental Investigation of Intrathecal Drug Distribution: Parametric Study of the Effect of Injection Volume, Cerebrospinal Fluid Pulseatility, and Drug Uptake.	2017		Anesthesia And Analgesia	Tangen, Kevin M; Leval, Roxanne; Mehta, Ankit I; Linninger, Andreas A		Y		10
28430692	Lack of Association Between the Use of Nerve Blockade and the Risk of Postoperative Chronic Opioid Use Among Patients Undergoing Total Knee Arthroplasty: Evidence From the Marketscan Database.	2017		Anesthesia And Analgesia	Sun, Eric C; Bateman, Brian T; Memtsoudis, Stavros G; Neuman, Mark D; Mariano, Edward R; Baker, Laurence C				7
28426852	An Outbreak of Endogenous Fungal Endophthalmitis Among Intravenous Drug Abusers in New England.	2017		JAMA Ophthalmology	Tirpack, Aubrey R; Duker, Jay S; Baumal, Caroline R		Y		10
28422881	Comparison of effects of desflurane and sevoflurane on postoperative nausea, vomiting, and pain in patients receiving opioid-based intravenous patient-controlled analgesia after thyroectomy: Propensity score matching analysis.	2017		Medicine	Yoon, Il Jae; Kang, Hyun; Baek, Chong Wha; Choi, Geun Joo; Park, Yong-Hee; Jung, Yong Hun; Woo, Young Cheol; Lee, Sangseok		Y		1
28422864	Ketamine, as adjuvant analgesics for patients with refractory cancer pain, does affect IL-2/IFN-gamma expression of T cells in vitro?: A prospective, randomized, double-blind study.	2017		Medicine	Zhou, Naibao; Fu, Zhijian; Li, Hao; Wang, Kaiguo		Y		Not found on Microsoft Academic
28419074	Arymo ER—a new abuse-deterrent morphine formulation.	2017		The Medical Letter On Drugs And Therapeutics			Y		Not found on Microsoft Academic

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28418966	Clinical Effectiveness and Safety of Intraoperative Methadone in Patients Undergoing Posterior Spinal Fusion Surgery: A Randomized, Double-blinded, Controlled Trial.	2017		Anesthesiology	Murphy, Glenn S; Szokol, Joseph W; Avram, Michael J; Greenberg, Steven B; Shear, Torin D; Deshur, Mark A; Vender, Jeffery S; Benson, Jessica; Newmark, Rebecca L; O'Gurek, David T; Rich, Robert Jr		Y		3
28409588	Chronic Pain Management and Opioid Misuse: Guidance for Family Physicians.	2017		American Family Physician			Y		0
28403427	New Persistent Opioid Use After Minor and Major Surgical Procedures in US Adults.	2017		JAMA Surgery	Brummett, Chad M; Waljee, Jennifer F; Goessling, Jenna; Moser, Stephanie; Lin, Paul; Englesbe, Michael J; Bonhert, Amy S B; Kheterpal, Sachin; Nallamothu, Brahmajee K				160
28403096	The efficiency and safety of fascia iliaca block for pain control after total joint arthroplasty: A meta-analysis.	2017		Medicine	Zhang, Peng; Li, Jifeng; Song, Yuze; Wang, Xiao		Y		5
28403075	Gabapentin can decrease acute pain and morphine consumption in spinal surgery patients: A meta-analysis of randomized controlled trials.	2017		Medicine	Peng, Chuangang; Li, Chen; Qu, Ji; Wu, Dankai		Y		Not found on Microsoft Academic
28401544	Fascia iliaca block for hip replacement - adjuvants and ethics.	2017		Anaesthesia	Haque, M; Fregene, T		Y		0
28397564	Factors Associated With the Use of Postoperative Analgesics in Patients Undergoing Direct Microlaryngoscopy.	2017		The Annals Of Otology, Rhinology, And Laryngology	Taliercio, Salvatore; Sanders, Brian; Achlatis, Stratos; Fang, Yixin; Branski, Ryan; Amin, Milan		Y		2
28396242	Long-Term Effects of Repeated Injections of Local Anesthetic With or Without Corticosteroid for Lumbar Spinal Stenosis: A Randomized Trial.	2017		Archives Of Physical Medicine And Rehabilitation	Friedly, Janna L; Comstock, Bryan A; Turner, Judith A; Heagerty, Patrick J; Deyo, Richard A; Bauer, Zoya; Avins, Andrew L; Nedeljkovic, Srdjan S; Nerenz, David R; Shi, Xu Rita; Annaswamy, Thiru; Standaert, Christopher J; Smuck, Matthew; Kennedy, David J; Akuthota, Venu; Sibell, David; Wasan, Ajay D; Diehn, Felix; Suri, Pradeep; Rundell, Sean D; Kessler, Larry; Chen, Allen S; Jarvik, Jeffrey G				1
28385937	Multimodal infiltration of local anaesthetic in total knee arthroplasty; is posterior capsular infiltration worth the risk? a prospective, double-blind, randomised controlled trial.	2017		The Bone & Joint Journal	Pinsornsak, P; Nangnual, S; Boontanapibul, K		Y		3
28385899	Response to "Clarification from the College of Physicians and Surgeons of BC on commentary about limitations of the CDC guideline for prescribing opioids".	2017		CMAJ : Canadian Medical Association Journal (Journal De L'Association Medcale Canadienne)	Busse, Jason W; Juurlink, David; Guyatt, Gordon H		Y		1
28385722	A place for pot in sports?	2017		CMAJ : Canadian Medical Association Journal (Journal De L'Association Medcale Canadienne)	Collier, Roger		Y		0
28385718	Alcohol use disorder and depression: proposed rewording of Choosing Wisely recommendation.	2017		CMAJ : Canadian Medical Association Journal (Journal De L'Association Medcale Canadienne)	Tanguay, Robert L; Lamba, Wiplove; Fraser, Ronald; Mills, Phillip; Azarbar, Ataa; El-Guebaly, Nady		Y		0
28384742	How Would You Manage Opioid Use in These Three Patients?: Grand Rounds Discussion From Beth Israel Deaconess Medical Center.	2017		Annals Of Internal Medicine	Alford, Daniel P; Cohen, Marc L; Reynolds, Eileen E		Y		2
28383472	Battlefield pain management: A view of 17 years in Israel Defense Forces.	2017		The Journal Of Trauma And Acute Care Surgery	Benov, Avi; Salas, Margaux M; Nakar, Helit; Antebi, Ben; Tarif, Bader; Yitzhak, Avraham; Glassberg, Elon		Y		3
28380690	Chemogenetic Inhibition of Pain Neurons in a Mouse Model of Osteoarthritis.	2017		Arthritis & Rheumatology (Hoboken, N.J.)	Miller, Rachel E; Ishihara, Shingo; Bhattacharyya, Bula; Delaney, Ada; Menichella, Daniela M; Miller, Richard J; Malfait, Anne-Marie		Y		7
28375887	Randomized Controlled Trial of Interscalene Block Compared with Injectable Liposomal Bupivacaine in Shoulder Arthroplasty.	2017		The Journal Of Bone And Joint Surgery. American Volume	Namdar, Surena; Nicholson, Themis; Abboud, Joseph; Lazarus, Mark; Steinberg, Dean; Williams, Gerald		Y		10
28375411	Severe polyarthralgia, high-grade fever, diffuse maculopapular rash on trunk and extremities . Dx?	2017		The Journal Of Family Practice	Hoag, Stephen D; Chung, Karen		Y		Not found on Microsoft Academic
28368941	Continuous Ropivacaine Subfascial Wound Infusion Compared With Intraoperative Morphine for Postcesarean Analgesia: A Prospective, Randomized Controlled, Double-Blind Study.	2017		Anesthesia And Analgesia	Lalmand, Manon; Wilwerth, Madeleine; Fils, Jean-Francois; Van der Linden, Philippe		Y		4
28366351	When to Pick the Nose: Out-of-Hospital and Emergency Department Intranasal Administration of Medications.	2017		Annals Of Emergency Medicine	Rech, Megan A; Barbas, Brian; Chaney, Whitney; Greenhalgh, Elizabeth; Turck, Charles		Y		12
28353580	Comparison of perirecticular anesthesia with liposomal bupivacaine with femoral nerve block for pain control after total knee arthroplasty: A PRISMA-compliant meta-analysis.	2017		Medicine	Liu, Shu-Qun; Chen, Xiang; Yu, Chen-Chen; Weng, Cheng-Wei; Wu, Yan-Qin; Xiong, Jun-Cheng; Xu, Shi-Hao		Y		9

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28351670	Preemptive analgesia for postoperative hysterectomy pain control: systematic review and clinical practice guidelines.	2017	American Journal Of Obstetrics And Gynecology	Steinberg, Adam C; Schimpf, Megan O; White, Amanda B; Mathews, Cara; Ellington, David R; Jeppson, Peter; Crisp, Catrina; Aschkenazi, Sarit O; Mamik, Mamta M; Balk, Ethan M; Murphy, Miles		Y		9
28333705	Inhaled Remimazolam Potentiates Inhaled Remifentanil in Rodents.	2017	Anesthesia And Analgesia	Bevans, Tatjana; Deering-Rice, Cassandra; Stockmann, Chris; Rower, Joseph; Sakata, Derek; Reilly, Christopher		Y		1
28328836	The efficacy of perirecticular drug infiltration for postoperative pain after total hip arthroplasty: A systematic review and meta-analysis.	2017	Medicine	Wang, Yanyang; Gao, Fugiang; Sun, Wei; Wang, Bailiang; Guo, Wanshou; Li, Zirong		Y		3
28328826	Effect of adductor canal block on medial compartment knee pain in patients with knee osteoarthritis: Retrospective comparative study.	2017	Medicine	Lee, Doo-Hyung; Lee, Michael Y; Kwack, Kyu-Sung; Yoon, Seung-Hyun	Y			0
28328759	Topical Ropivacaine in Prevention of Post-Tonsillectomy Pain in Adults.	2017	Anesthesia And Analgesia	Tolska, Hanna Kaisa; Takala, Annika; Blomgren, Karin; Hamunen, Katri; Kontinen, Vesa		Y		1
28328756	Pectoralis and Serratus Fascial Plane Blocks Each Provide Early Analgesic Benefits Following Ambulatory Breast Cancer Surgery: A Retrospective Propensity-Matched Cohort Study.	2017	Anesthesia And Analgesia	Abdallah, Faraj W; MacLean, David; Madjdpour, Caveh; Cil, Tulin; Bhatia, Anuj; Brull, Richard				9
28320059	Effects of Treadmill Exercise on Advanced Osteoarthritis Pain in Rats.	2017	Arthritis & Rheumatology (Hoboken, N.J.)	Allen, Joshua; Imbert, Ian; Havelin, Joshua; Henderson, Terry; Stevenson, Glenn; Liaw, Lucy; King, Tamara		Y		5
28319551	A Contemporary Medicolegal Analysis of Implanted Devices for Chronic Pain Management.	2017	Anesthesia And Analgesia	Abrecht, Christopher R; Greenberg, Penny; Song, Ellen; Urman, Richard D; Rathmell, James P	Y			6
28319538	Remifentanil Patient-Controlled Intravenous Analgesia for Labor Pain Relief: Is It Really an Option to Consider?	2017	Anesthesia And Analgesia	Van de Velde, M		Y		1
28319509	A High Preoperative Pain and Symptom Profile Predicts Worse Pain Outcomes for Children After Spine Fusion Surgery.	2017	Anesthesia And Analgesia	Voepel-Lewis, Terri; Caird, Michelle S; Tait, Alan R; Malviya, Shobha; Farley, Frances A; Li, Ying; Abbott, Matthew D; van Veen, Tara; Hassett, Afton L; Clauw, Daniel J		Y		5
28319052	A "tail" of opioid receptor variants.	2017	The Journal Of Clinical Investigation	Puig, Stephanie; Gutstein, Howard B		Y		0
28318209	End-of-Life Care: Managing Common Symptoms.	2017	American Family Physician	Albert, Ross H		Y		3
28301417	Inhaled Sedation in Patients With Acute Respiratory Distress Syndrome Undergoing Extracorporeal Membrane Oxygenation.	2017	Anesthesia And Analgesia	Meiser, Andreas; Bomberg, Hagen; Lepper, Philipp M; Trudzinski, Franziska C; Volk, Thomas; Groessdonk, Heinrich V		Y		4
28296770	Evaluation of intrathecal drug delivery system for intractable pain in advanced malignancies: A prospective cohort study.	2017	Medicine	Zheng, Shuyue; He, Liangliang; Yang, Xiaohui; Li, Xiuhua; Yang, Zhanmin		Y		Not found on Microsoft Academic
28296748	Efficacy of lidocaine on preventing incidence and severity of pain associated with propofol using in pediatric patients: A PRISMA-compliant meta-analysis of randomized controlled trials.	2017	Medicine	Lang, Bing-Chen; Yang, Chun-Song; Zhang, Ling-Li; Zhang, Wen-Sheng; Fu, Yu-Zhi		Y		3
28296735	Remifentanil analgesia during external cephalic version for breech presentation in nulliparous women at term: A randomized controlled trial.	2017	Medicine	Wang, Zhi-Hong; Yang, Yi; Xu, Gui-Ping		Y		1
28296732	Optimal dose of intravenous oxydone for attenuating hemodynamic changes after endotracheal intubation in healthy patients: A randomized controlled trial.	2017	Medicine	Park, Yong-Hee; Lee, Seung-Hyuk; Lee, Oh Haeng; Kang, Hyun; Shin, Hwa-Yong; Baek, Chong-Wha; Jung, Yong Hun; Woo, Young Cheol		Y		0
28296725	Preoperative use of pregabalin for acute pain in spine surgery: A meta-analysis of randomized controlled trials.	2017	Medicine	Jiang, Hai-Liang; Huang, Shuang; Song, Jiang; Wang, Xiang; Cao, Zhong-Shu		Y		7
28292769	Association between concurrent use of prescription opioids and benzodiazepines and overdose: retrospective analysis.	2017	BMJ (Clinical Research Ed.)	Sun, Eric C; Dixit, Anjali; Humphreys, Keith; Darnall, Beth D; Baker, Laurence C; Mackey, Sean		Y		55
28291185	Efficacy of Surgical-Site, Multimodal Drug Injection Following Operative Management of Femoral Fractures: A Randomized Controlled Trial.	2017	The Journal Of Bone And Joint Surgery. American Volume	Koehler, Daniel; Marsh, J Lawrence; Karam, Matthew; Fruehling, Catherine; Willey, Michael		Y		3
28291085	Respiratory Effects of the Nociceptor/Orphanin FQ Peptide and Opioid Receptor Agonist, Cebranolopadol, in Healthy Human Volunteers.	2017	Anesthesiology	Dahan, Albert; Boom, Merel; Sarton, Elise; Hay, Justin; Groeneveld, Geert Jan; Neukirchen, Meike; Bothmer, John; Aarts, Leon; Olofsen, Erik		Y		15
28288245	Addressing the Opioid Epidemic in the United States: Lessons From the Department of Veterans Affairs.	2017	JAMA Internal Medicine	Gellad, Walid F; Good, Chester B; Shulkin, David J		Y		42
28288050	Pain Management Modalities after Total Knee Arthroplasty: A Network Meta-analysis of 170 Randomized Controlled Trials.	2017	Anesthesiology	Terkawi, Abdullah Suleiman; Mavridis, Dimitris; Sessler, Daniel I; Nunemaker, Megan S; Doais, Khaled S; Terkawi, Rayan Suleiman; Terkawi, Yazzed Suleiman; Petropoulou, Maria; Nemergut, Edward C		Y		29
28287401	Prostaglandin-mediated inhibition of serotonin signaling controls the affective component of inflammatory pain.	2017	The Journal Of Clinical Investigation	Singh, Anand Kumar; Zajdel, Joanna; Mirraserkhanian, Elahe; Almoosawi, Nader; Frisch, Isabel; Klawonn, Anna M; Jaarola, Maarit; Fritz, Michael; Engblom, David		Y		8

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					Sponsored by the Teva Defendants [1]	No Sponsorship [3]	Sponsored Only by the U.S. Government [2]		
28277328	IsobioGraphic Analysis of Drug Combinations With Intrathecal BRL52537 (kappa-Opioid Agonist), Pregabalin (Calcium Channel Modulator), AF 353 (P2X3 Receptor Antagonist), and A804598 (P2X7 Receptor Antagonist) in Neuropathic Rats.	2017	Anesthesia And Analgesia	Jung, Young-Hwan; Kim, Yeo Ok; Han, Jung Hyun; Kim, Yong-Chul; Yoon, Myung Ha					Not found on Microsoft Academic
28276788	Chronic pain management in medical education: a disastrous omission.	2017	Postgraduate Medicine	Loeser, John D; Schatzman, Michael E	Y				5
28272252	Comparative evaluation of the effect of remifentanil and 2 different doses of esmolol on pain during propofol injection: A double-blind, randomized clinical consort study.	2017	Medicine	Lee, Munghwan; Kwon, Taegeon; Kim, Sujin; Kim, Saeyoung; Park, Kibum; Jeon, Younhoon			Y		1
28272250	Oxycodone versus fentanyl for intravenous patient-controlled analgesia after laparoscopic supracervical hysterectomy: A prospective, randomized, double-blind study.	2017	Medicine	Kim, Nan Seol; Lee, Jeong Seok; Park, Su Yeon; Ryu, Aeli; Chun, Hea Rim; Chung, Ho Soon; Kang, Kyu Sik; Chung, Jin Hun; Jung, Kyung Taek; Mun, Seong Taek			Y		5
28267693	Predictors of In-hospital Postoperative Opioid Overdose After Major Elective Operations: A Nationally Representative Cohort Study.	2017	Annals Of Surgery	Cauley, Christy E; Anderson, Geoffrey; Haynes, Alex B; Menendez, Mariana; Bateman, Brian T; Ladha, Karim		Y			16
28257549	Analysis of Intensive Care Unit Admission and Sequelae in Patients Intravenously Abusing Extended-Release Oral Oxymorphone.	2017	Southern Medical Journal	Wilson, Matthew W; Bonnecaze, Alex K; Dhahod, Ajay; Miller, Peter J			Y		3
28256257	Single-incision versus 3-port laparoscopic cholecystectomy in symptomatic gallstones: A prospective randomized study.	2017	Surgery	Omar, Mohammed A; Redwan, Alaa A; Mahmoud, Ahmed G	Y				8
28252574	ABCB1 Polymorphisms and Cold Pressor Pain Responses: Opioid-Dependent Patients on Methadone Maintenance Therapy.	2017	Nursing Research	Zahari, Zalina; Lee, Chee Siong; Ibrahim, Muslih Abdulkarim; Musa, Nurfaidhina; Mohd Yasin, Mohd Azhar; Lee, Yeong Yeh; Tan, Soo Choon; Mohamad, Nasir; Ismail, Rusli			Y		1
28249062	Readers weigh in on opioid epidemic.	2017	The Journal Of Family Practice	Sesso, Don		Y			Not found on Microsoft Academic
28249061	Readers weigh in on opioid epidemic.	2017	The Journal Of Family Practice	Moore, David A		Y			Not found on Microsoft Academic
28249051	The elements of pain care that the guidelines don't address.	2017	The Journal Of Family Practice	Hickner, John		Y			0
28248887	The optimal exhaled concentration of sevoflurane for intubation without neuromuscular blockade using clinical bolus doses of remifentanil: A randomized controlled trial.	2017	Medicine	Goo, Eui-Kyoung; Lee, Jong Seok; Koh, Jae Chul			Y		3
28246249	Proposed opioid prescribing guidelines meet backlash.	2017	CMAJ : Canadian Medical Association Journal (Journal De L'Association Medcale Canadienne)	Vogel, Lauren			Y		0
28245688	Treatment of Prescription Opioid Use Disorder in Pregnant Women.	2017	The American Journal Of Psychiatry	Guille, Constance; Barth, Kelly S; Mateus, Julio; McCauley, Jenna L; Brady, Kathleen T		Y			0
28241234	Laparoscopic Total Pancreatectomy With Islet Autotransplantation and Intraoperative Islet Separation as a Treatment for Patients With Chronic Pancreatitis.	2017	JAMA Surgery	Fan, Caleb J; Hirose, Kenzo; Walsh, Christi M; Quartuccio, Michael; Desai, Niraj M; Singh, Vikesh K; Kalyani, Rita R; Warren, Daniel S; Sun, Zhaoqi; Hanna, Marie N; Makary, Martin A			Y		7
28241189	History of The Joint Commission's Pain Standards: Lessons for Today's Prescription Opioid Epidemic.	2017	JAMA	Baker, David W			Y		54
28236348	Fixed time interval compared with on-demand oral analgesia protocols for post-caesarean pain: a randomised controlled trial.	2017	BJOG : An International Journal Of Obstetrics And Gynaecology	Yefet, E; Taha, H; Salim, R; Hasanein, J; Carmeli, Y; Schwartz, N; Nachum, Z	Y				0
28234636	A Three-arm Randomized Clinical Trial Comparing Continuous Femoral Plus Single-injection Sciatic Peripheral Nerve Blocks versus Periarticular Injection with Ropivacaine or Liposomal Bupivacaine for Patients Undergoing Total Knee Arthroplasty.	2017	Anesthesiology	Amundson, Adam W; Johnson, Rebecca L; Abdel, Matthew P; Mantilla, Carlos B; Panchamia, Jason K; Taunton, Michael J; Kralovec, Michael E; Hebl, James R; Schroeder, Darrell R; Pagnano, Mark W; Kopp, Sandra L			Y		15
28232472	Dietary and pharmacological treatment of abdominal pain in IBS.	2017	Gut	Camilleri, Michael; Boeckxstaens, Guy			Y		26
28229252	Pain in Patients with Pancreatic Cancer: Prevalence, Mechanisms, Management and Future Developments.	2017	Digestive Diseases And Sciences	Koulouris, Andreas I; Banim, Paul; Hart, Andrew R			Y		12
28225506	Effects of single-dose preemptive intravenous ibuprofen on postoperative opioid consumption and acute pain after laparoscopic cholecystectomy.	2017	Medicine	Ahisikalioglu, Elif Oral; Ahisikalioglu, Ali; Aydin, Pelin; Yavik, Ahmet Murat; Temiz, Ayetullah			Y		7
28219969	Safe Storage of Opioid Pain Relievers Among Adults Living in Households With Children.	2017	Pediatrics	McDonald, Eileen M; Kennedy-Hendricks, Alene; McGinty, Emma E; Shields, Wendy C; Barry, Colleen L; Gielen, Andrea C			Y		10
28212204	1-(2,4-Dibromophenyl)-3,6,6-trimethyl-1,5,6,7-tetrahydro-4H-indazol-4-one: A Novel Opioid Receptor Agonist with Less Accompanying Gastrointestinal Dysfunction than Morphine.	2017	Anesthesiology	Chao, Po-Kuan; Ueng, Shau-Hua; Ou, Li-Chin; Yeh, Teng-Kuang; Chang, Wan-Ting; Chang, Hsiao-Fu; Chen, Shu-Chun; Tao, Pao-Luh; Law, Ping-Yee; Loh, Horace H; Cheng, Ming-Fu; Chuang, Jian-Ying; Chen, Chiu-Tong; Shih, Chuan; Yeh, Shiu-Hwa Lin, Chih-Peng; Kang, Kai-Hsiang; Tu, Huang-Ju; Wu, Ming-Yueh; Lin, Tzu-Hung; Liou, Hsiung-Chi; Sun, Wei-Zen; Fu, Wen-Mei					1
28212183	CXCL12/CXCR4 Signaling Contributes to the Pathogenesis of Opioid Tolerance: A Translational Study.	2017	Anesthesia And Analgesia						3

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28212147	Monitoring Hospitalized Adult Patients for Opioid-Induced Sedation and Respiratory Depression.	2017	The American Journal Of Nursing	Jungquist, Carla R; Smith, Kirsten; Nicely, Kelly L Wiltse; Polomano, Rosemary C			Y		4
28212146	Multimodal Analgesia for Acute Postoperative and Trauma-Related Pain.	2017	The American Journal Of Nursing	Polomano, Rosemary C; Fillman, Mechelle; Giordano, Nicholas A; Vallerand, April Hazard; Nicely, Kelly L Wiltse; Jungquist, Carla R		Y			7
28212145	Assessing and Managing Acute Pain: A Call to Action.	2017	The American Journal Of Nursing	Jungquist, Carla R; Vallerand, April Hazard; Sicoutris, Corinna; Kwon, Kyung N; Polomano, Rosemary C		Y			0
28207592	A Reply to Epidural Local Anesthetics Versus Opioid-Based Analgesic Regimens for Postoperative Gastrointestinal Paralysis, Vomiting, and Pain After Abdominal Surgery: A Cochrane Review.	2017	Anesthesia And Analgesia	Muggleton, Ellis; Muggleton, Tulin			Y		0
28207549	Stylet angulation for routine endotracheal intubation with McGrath videolaryngoscope.	2017	Medicine	Lee, Jiyoung; Kim, Jong Yeop; Kang, Se Yoon; Kwak, Hyun Jeong; Lee, Dongchul; Lee, Sook Young			Y		1
28207536	Cervical plexus anesthesia versus general anesthesia for anterior cervical discectomy and fusion surgery: A randomized clinical trial.	2017	Medicine	Wang, Hui; Ma, Lei; Yang, Dalong; Wang, Tao; Wang, Qian; Zhang, Lijun; Ding, Wenyuan		Y			0
28207530	Can quality of recovery be enhanced by premedication with midazolam?: A prospective, randomized, double-blind study in females undergoing breast surgery.	2017	Medicine	Kim, Myoung Hwa; Kim, Min Soo; Lee, Jae Hoon; Seo, Jae Hi; Lee, Jeong-Rim			Y		1
28207529	Comparison of the pro-postoperative analgesia of intraoperative dexmedetomidine with and without loading dose following general anesthesia: A prospective, randomized, controlled clinical trial.	2017	Medicine	Fan, Wei; Yang, Haikou; Sun, Yong; Zhang, Jun; Li, Guangming; Zheng, Ying; Liu, Yi			Y		1
28192790	Systemic Pharmacologic Therapies for Low Back Pain: A Systematic Review for an American College of Physicians Clinical Practice Guideline.	2017	Annals Of Internal Medicine	Chou, Roger; Deyo, Richard; Friedly, Janina; Skelly, Andrea; Weimer, Melissa; Fu, Rochelle; Dana, Tracy; Kraegel, Paul; Griffin, Jessica; Grusing, Sara			Y		98
28188621	The analgesic efficacy of pre-operative bilateral erector spinae plane (ESP) blocks in patients having ventral hernia repair.	2017	Anaesthesia	Chin, K J; Adhikary, S; Sarwani, N; Forero, M			Y		54
28178175	The effect of nicardipine on the surgical pleth index during thyroidectomy under general anesthesia: A prospective double-blind randomized controlled trial.	2017	Medicine	Won, Young Ju; Lim, Byung Gun; Yeo, Gwi Eun; Lee, Min Ki; Lee, Dong Kyu; Kim, Heezoo; Lee, Il Ok; Kong, Myoung Hoon			Y		1
28178050	Filled Prescriptions for Opioids After Vaginal Delivery.	2017	Obstetrics And Gynecology	Jarleniski, Marian; Bodnar, Lisa M; Kim, Joo Yeon; Donohue, Julie; Krans, Elizabeth E; Bogen, Debra L					5
28173938	Spinal versus general anesthesia for transabdominal preperitoneal (TAPP) repair of inguinal hernia: Interim analysis of a controlled randomized trial.	2017	American Journal Of Surgery	Sarakatsianou, Chamali; Georgopoulos, Stavroula; Baloianis, Ioannis; Chatzimichail, Maria; Vretzakis, George; Zacharoulis, Dimitris; Tzovaras, George			Y		3
28164777	Is celecoxib a useful adjunct in the treatment of post-tonsillectomy pain in the adult population? A randomised, double-blind, placebo-controlled study.	2017	The Journal Of Laryngology And Otology	Ng, T-T; Diamantaras, D; Priestley, J; Redman, J; De Silva, N; Mahanta, V			Y		1
28152337	How States Are Tackling the Opioid Crisis.	2017	Public Health Reports (Washington, D.C. : 1974)	Wickramatilake, Shalin; Zur, Julia; Mulvaney-Day, Norah; Klimo, Melinda Campopiano von; Selmi, Elizabeth; Harwood, Hendrik			Y		11
28151818	The Effect of Fixation Technique on Continuous Interscalene Nerve Block Catheter Success: A Randomized, Double-Blind Trial.	2017	Anesthesia And Analgesia	Auyong, David B; Cantor, David Asher; Green, Cynthia; Hanson, Neil A			Y		7
28149979	A look at the burden of opioid management in primary care.	2016	The Journal Of Family Practice	Khodaei, Morteza; Deffenbacher, Brandy			Y		Not found on Microsoft Academic
28149973	Opioids for chronic pain: The CDC's 12 recommendations.	2016	The Journal Of Family Practice	Campos-Outcalt, Doug			Y		Not found on Microsoft Academic
28146252	Persistent Opioid Use After Major Surgery-Reply.	2017	JAMA Surgery	Soneji, Nelesh; Clarke, Hance A; Wijeyesundara, Duminda N			Y		0
28146225	Persistent Opioid Use After Major Surgery.	2017	JAMA Surgery	Ruan, Xilu; Wu, Hong; Kaye, Alan David		Y			0
28143718	Comparative Efficacy of Bilateral Thoracoscopic Splanchnicectomy for Intractable Pain Secondary to Pancreatic Cancer vs Chronic Pancreatitis.	2017	Journal Of The American College Of Surgeons	Bhutiani, Neal; Cheadle, Gerald A; Bahr, Michael H; Vitale, Gary C			Y		2
28126365	Prenatal acetaminophen use and outcomes in children.	2017	American Journal Of Obstetrics And Gynecology				Y		Not found on Microsoft Academic
28114444	Financial Conflicts of Interest and the Centers for Disease Control and Prevention's 2016 Guideline for Prescribing Opioids for Chronic Pain.	2017	JAMA Internal Medicine	Lin, Dora H; Lucas, Eleanor; Murimi, Irene B; Kolody, Andrew; Alexander, G Caleb			Y		13
28108038	The effect of endotracheal tubes versus laryngeal mask airways on perioperative respiratory adverse events in infants: a randomised controlled trial.	2017	Lancet (London, England)	Drake-Brockman, Thomas F E; Ramgolam, Anoop; Zhang, Guicheng; Hall, Graham L; von Unger-Sternberg, Britta S					18
28098590	Analgesia and Sedation Requirements in Mechanically Ventilated Trauma Patients With Acute, Preinjury Use of Cocaine and/or Amphetamines.	2017	Anesthesia And Analgesia	Kram, Bridgette; Kram, Shawn J; Sharpe, Michelle L; James, Michael L; Kuchibhatla, Maragatha; Shapiro, Mark L			Y		3
28096108	Reasons for drug policy reform: prohibition enables systemic human rights abuses and undermines public health.	2017	BMJ (Clinical Research Ed.)	Puras, Dainius; Hannah, Julie			Y		2

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28094434	The effect of remifentanil on propofol requirements to achieve loss of response to command vs. loss of response to pain.	2017	Anaesthesia	Scott, H B; Choi, S W; Wong, G T C; Irwin, M G		Y		11
28079812	The efficacy of elastomeric patient-control module when connected to a balloon pump for postoperative epidural analgesia: A randomized, noninferiority trial.	2017	Medicine	Kim, Myung Hwa; Shim, Yon Hee; Kim, Min-Soo; Shin, Yang-Sik; Lee, Hyun Joo; Lee, Jeong Soo		Y		0
28079776	Enhanced Recovery Program and Length of Stay After Laparotomy on a Gynecologic Oncology Service: A Randomized Controlled Trial.	2017	Obstetrics And Gynecology	Dickson, Elizabeth L; Stockwell, Erica; Geller, Melissa A; Vogel, Rachel Isaksson; Mullany, Sally A; Ghebre, Rahel; Wittherhoff, Boris J N; Downs, Levi S Jr; Carson, Linda F; Teoh, Deanna; Glasgow, Michelle; Gerber, Matt; Rivard, Colleen; Erickson, Britt K; Hutchins, Jacob; Armenta, Peter A		Y		11
28072446	Randomized clinical trial of preoperative dexamethasone on postoperative nausea and vomiting after laparoscopy for suspected appendicitis.	2017	The British Journal Of Surgery	Kleift, J; Kirkegaard, A; Vilandt, J; Gogenur, I		Y		4
28067707	Dural Puncture Epidural Technique Improves Labor Analgesia Quality With Fewer Side Effects Compared With Epidural and Combined Spinal Epidural Techniques: A Randomized Clinical Trial.	2017	Anesthesia And Analgesia	Chau, Anthony; Bibbo, Carolina; Huang, Chuan-Chin; Elterman, Kelly G; Cappiello, Eric C; Robinson, Julian N; Tsien, Lawrence C				18
28067675	It's Time to Adopt Electronic Prescriptions for Opioids.	2017	Annals Of Surgery	Gawande, Atul A		Y		25
28063909	Periprocedural outcomes comparing fibroid embolization and focused ultrasound: a randomized controlled trial and comprehensive cohort analysis.	2017	American Journal Of Obstetrics And Gynecology	Barnard, Emily P; AbdElmagied, Ahmed M; Vaughan, Lisa E; Weaver, Amy L; Laughlin-Tomaso, Shannon K; Hesley, Gina K; Woodrum, David A; Jacoby, Vanessa L; Kohi, Maureen P; Price, Thomas M; Nieves, Angel; Miller, Michael J; Borah, Bijan J; Gorny, Krzysztof R; Leppert, Phyllis C; Peterson, Lisa G; Stewart, Elizabeth A		Y		7
28060227	Preoperative Opioid Use Is Associated with Early Revision After Total Knee Arthroplasty: A Study of Male Patients Treated in the Veterans Affairs System.	2017	The Journal Of Bone And Joint Surgery. American Volume	Ben-Ari, Alon; Chansky, Howard; Rozet, Irene		Y		31
28052177	Battlefield Acupuncture: Is It Ready for Widespread Dissemination?	2017	Southern Medical Journal	Federman, Daniel G; Gunderson, Craig G		Y		1
28043841	Non-opioid pain management in benign minimally invasive hysterectomy: A systematic review.	2017	American Journal Of Obstetrics And Gynecology	Blanton, Emily; Lamvu, Georgine; Patanwala, Insiyah; Barron, Kenneth I; Witzeman, Kathryn; Tu, Frank F; As-Sanie, Sawsan		Y		8
28041001	Pain as a Predictor for Opioid Use Disorder.	2017	The American Journal Of Psychiatry	Ruan, Xiuli; Chiravuri, Srinivas; Kaye, Alan D		Y		0
28040448	Randomized controlled trial of postoperative belladonna and opium rectal suppositories in vaginal surgery.	2017	American Journal Of Obstetrics And Gynecology	Butler, Kristina; Yi, John; Wasson, Megan; Klauschie, Jennifer; Ryan, Debra; Hertz, Joseph; Cornella, Jeffrey; Magtibay, Paul; Kho, Roseanne				4
28035547	Diabetics on Narcotics Are Less Likely to Achieve Excellent Bowel Preparation Than Are Patients with Either Condition.	2017	Digestive Diseases And Sciences	Madhoun, Mohammad F; Bitar, Hussein; Bhatti, Owais; Zia, Hassaan; Parava, Pratyusha; Bashir, Muhammad H		Y		1
28033266	Combined adductor canal block with periaricular infiltration versus periaricular infiltration for analgesia after total knee arthroplasty.	2016	Medicine	Ma, Jinhu; Gao, Fuqiang; Sun, Wei; Guo, Wanshou; Li, Zirong; Wang, Weiquo		Y		7
28027224	Ultrasound-Guided Bilateral Thoracic Paravertebral Blocks as an Adjunct to General Anesthesia in Patients Undergoing Reduction Mammoplasty: A Historical Cohort Study.	2017	Plastic And Reconstructive Surgery	Salviz, Emine A; Sivrikoz, Nukhet; Ozonur, Anil; Orhan-Sungur, Mukadder; Savran-Karadeniz, Meltem; Altun, Demet; Hocaoglu, Emre; Celet-Ozden, Burcu; Tugrul, Kamil M		Y		1
28007620	Postoperative Oxygen Therapy in Patients With OSA: A Randomized Controlled Trial.	2017	Chest	Liao, Pu; Wong, Jean; Singh, Mandeep; Wong, David T; Islam, Sazzadul; Andrawes, Maged; Shapiro, Colin M; White, David P; Chung, Frances		Y		10
27997452	Effect of Tapentadol on Splenic Cytokine Production in Mice.	2017	Anesthesia And Analgesia	Franchi, Silvia; Amodeo, Giada; Gandolla, Marta; Moschetti, Giorgia; Panerai, Alberto Emilio; Sacerdote, Paola		Y		2
27993418	Comparison of Intravenous Ketorolac at Three Single-Dose Regimens for Treating Acute Pain in the Emergency Department: A Randomized Controlled Trial.	2017	Annals Of Emergency Medicine	Motov, Sergey; Yasavolian, Matthew; Likouratos, Antonios; Pushkar, Ilyia; Hossain, Rukhsana; Drapkin, Jefferson; Cohen, Victor; Filk, Nicholas; Smith, Andrew; Huang, Felix; Rockoff, Bradley; Homel, Peter; Fromm, Christian		Y		13
27992261	Effects of Testosterone Replacement on Electrocardiographic Parameters in Men: Findings From Two Randomized Trials.	2017	The Journal Of Clinical Endocrinology And Metabolism	Gagliano-Juca, Thiago; Iclí, Tevhide Betul; Pencina, Karol M; Li, Zhuoying; Tapper, John; Huang, Grace; Travison, Thomas G; Tsitouras, Panayiotis; Harman, S Mitchell; Storer, Thomas W; Bhagat, Shalender; Basaria, Shehzad		Y	Not found on Microsoft Academic	

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27984230	Transversus Abdominis Plane Block Versus Wound Infiltration for Analgesia After Cesarean Delivery: A Randomized Controlled Trial.	2017	Anesthesia And Analgesia	Tawfik, Mohamed Mohamed; Mohamed, Yaser Mohamed; Elbadrawi, Rania Elmohamadi; Abdelkhalek, Mostafa; Mogahed, Maiseloon Mostafa; Ezz, Hanaa Mohamed		Y		4
27984229	Sedation After Cardiac Surgery: Is One Drug Better Than Another?	2017	Anesthesia And Analgesia	Liu, Hong; Ji, Fuhai; Peng, Ke; Applegate, Richard L 2nd; Fleming, Neal				5
27984226	Intrapitoneal Instillation of Lidocaine Improves Postoperative Analgesia at Cesarean Delivery: A Randomized, Double-Blind, Placebo-Controlled Trial.	2017	Anesthesia And Analgesia	Patel, Ruchira; Carvalho, Jose C A; Downey, Kristi; Kanczuk, Marcelo; Bernstein, Paul; Siddiqui, Naveed		Y		5
27984223	Multimodal Analgesic Therapy With Gabapentin and Its Association With Postoperative Respiratory Depression.	2017	Anesthesia And Analgesia	Cavalcante, Alexandre N; Sprung, Juraj; Schroeder, Darrell R; Weingarten, Toby N		Y		17
27983881	Hysingla(R) ER, a once-daily, single-entity hydrocodone with abuse-deterring properties in treating chronic nonmalignant and nonneuropathic pain in patients with osteoarthritis.	2017	Postgraduate Medicine	Taber, Louise; Baldridge, Stacy; He, Ellie; Ripa, Steven R		Y	Not found on Microsoft Academic	
27980029	Risk Stratification for Opioid Misuse in Children, Adolescents, and Young Adults: A Quality Improvement Project.	2017	Pediatrics	Thienprayoon, Rachel; Porter, Kelly; Tate, Michelle; Ashby, Marshall; Meyer, Mark	Y			2
27979812	Opioid manufacturer bribed doctors to prescribe fentanyl inappropriately, US says.	2016	BMJ (Clinical Research Ed.)	Dyer, Owen		Y		3
27977600	Evaluation of dexmedetomidine in combination with sufentanil or butorphanol for postoperative analgesia in patients undergoing laparoscopic resection of gastrointestinal tumors: A quasi-experimental trial.	2016	Medicine	Zhang, Xue-Kang; Chen, Qiu-Hong; Wang, Wen-Xiang; Hu, Qian		Y		3
27977317	Disproportionality analysis of buprenorphine transdermal system and cardiac arrhythmia using FDA and WHO postmarketing reporting system data.	2017	Postgraduate Medicine	Sessler, Nelson E; Walker, Ekaterina; Chickballapur, Harsha; Kacholakalayil, James; Coplan, Paul M		Y		2
27960575	Assessing the impact of abuse-deterring opioids (ADOs): identifying epidemiologic factors related to new entrants with low population exposure.	2017	Postgraduate Medicine	Roland, Carl L; Setnik, Beatrice; Brown, David A		Y		1
27955884	Pharmacogenetics-guided analgesics in major abdominal surgery: Further benefits within an enhanced recovery protocol.	2017	American Journal Of Surgery	Senatore, Anthony J; Champagne, Bradley J; Dosokhey, Eslam; Brady, Justin; Steele, Scott R; Reynolds, Harry L; Stein, Sharon L; Delaney, Conor P		Y		10
27941575	Prediction of Opioid Analgesic Efficacy by Measurement of Pupillary Unrest.	2017	Anesthesia And Analgesia	Neice, Andrew E; Behrends, Matthias; Bokoch, Michael P; Seligman, Katherine M; Conrad, Nicole M; Larson, Merlin D		Y		7
27930530	A randomized trial of remifentanil for analgesia in external cephalic version for breech presentation.	2016	Medicine	Liu, Xiaohua; Xue, Aiqin		Y		2
27929709	Safety of buprenorphine transdermal system in the management of pain in older adults.	2017	Postgraduate Medicine	Pergolizzi, Joseph V; Raffa, Robert B; Marcum, Zachary; Colucci, Salvatore; Ripa, Steven R	Y			3
27929241	Opioid Analgesia Hard to Tolerate and Not Effective for Chronic Low Back Pain.	2016	American Family Physician	Shaughnessy, Allen F		Y		1
27927048	Effects of buprenorphine on QT intervals in healthy subjects: results of 2 randomized positive- and placebo-controlled trials.	2017	Postgraduate Medicine	Harris, Stephen C; Morganroth, Joel; Ripa, Steven R; Thorn, Michael D; Colucci, Salvatore	Y			4
27922764	Comparison of abuse, suspected suicidal intent, and fatalities related to the 7-day buprenorphine transdermal patch versus other opioid analgesics in the National Poison Data System.	2017	Postgraduate Medicine	Coplan, Paul M; Sessler, Nelson E; Harikrishnan, Venkatesh; Singh, Richa; Perkel, Charles		Y		4
27918333	Effectiveness of Epidural Analgesia, Continuous Surgical Site Analgesia, and Patient-Controlled Analgesia Morphine for Postoperative Pain Management and Hyperalgesia, Rehabilitation, and Health-Related Quality of Life After Open Nephrectomy: A Prospective, Randomized, Controlled Study.	2017	Anesthesia And Analgesia	Capdevila, Xavier; Mouillard, Sebastien; Plassé, Christian; Peshaud, Jean-Luc; Molinari, Nicolas; Dadure, Christophe; Bringuier, Sophie		Y		12
27916215	Opiate Injection-associated Infective Endocarditis in the Southeastern United States.	2016	The American Journal Of The Medical Sciences	Hartman, Lauren; Barnes, Erin; Bachmann, Laura; Schafer, Katherine; Lovato, James; Files, Daniel Clark		Y		16
27915497	Current and future development of extended-release, abuse-deterring opioid formulations in the United States.	2017	Postgraduate Medicine	Webster, Lynn R; Markman, John; Cone, Edward J; Niebler, Gwendolyn	Y			8
27915490	Challenges and opportunities to change the course of the opioid epidemic: a surgeon's perspective.	2017	Postgraduate Medicine	Mancini, Gregory J		Y		0
27902584	Effect of naloxone on intravenous fentanyl patient-controlled analgesia after laparoscopic cholecystectomy.	2016	Medicine	Zheng, Jun; Han, Wen; Han, Xiao-Dong; Ma, Xiao-Yuan; Zhang, Pengbo		Y		0
27901359	Buprenorphine transdermal system utilization.	2017	Postgraduate Medicine	Wallace, Laura; Kadakia, Aditi		Y		2
27893881	Ultra-High-Dose Opioids With Low Efficacy and Significant Harm-Time to Make a Change: A Teachable Moment.	2017	JAMA Internal Medicine	Guillod, Paul; Edens, Ellen L; Becker, William C		Y		2
27873754	Addressing the limitations of the CDC guideline for prescribing opioids for chronic noncancer pain.	2016	CMAJ : Canadian Medical Association Journal (Journal De L'Association Medcale Canadienne)	Busse, Jason W; Juurlink, David; Guyatt, Gordon H		Y		9

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27870743	Epidural Local Anesthetics Versus Opioid-Based Analgesic Regimens for Postoperative Gastrointestinal Paralysis, Vomiting, and Pain After Abdominal Surgery: A Cochrane Review.	2016	Anesthesia And Analgesia	Guay, Joanne; Nishimori, Mina; Kopp, Sandra L					16
27870737	The Influence of Body Mass Index on Sensorimotor Block and Vasopressor Requirement During Spinal Anesthesia for Elective Cesarean Delivery.	2016	Anesthesia And Analgesia	Ngaka, T C; Coetzee, J F; Dyer, R A			Y		7
27870644	Analysis of Physiological Respiratory Variable Alarm Alerts Among Laboring Women Receiving Remifentanil.	2017	Anesthesia And Analgesia	Weiniger, Carolyn F; Carvalho, Brendan; Stocki, Daniel; Einav, Sharon			Y		7
27869630	A Prospective Evaluation of Opioid Utilization After Upper-Extremity Surgical Procedures: Identifying Consumption Patterns and Determining Prescribing Guidelines.	2016	The Journal Of Bone And Joint Surgery. American Volume	Kim, Nayoung; Matzon, Jonas L; Abboudi, Jack; Jones, Christopher; Kirkpatrick, William; Leinberry, Charles F; Lis, Frederic E; Lutsky, Kevin F; Wang, Mark L; Maltenfort, Mitchell; Ilvas, Asif M			Y		58
27864296	A mechanistic investigation of thrombotic microangiopathy associated with IV abuse of Opana ER.	2017	Blood	Hunt, Ryan; Yalamanoglu, Ayla; Tumlin, James; Schiller, Tal; Baek, Jin Hyen; Wu, Andrew; Fogo, Agnes B; Yang, Haichun; Wong, Edward; Miller, Peter; Buehler, Paul W; Kimchi-Sarfaty, Chava			Y		10
27861444	Preventing Opioid-Induced Postoperative Hypoxemia: No Simple Answer?	2016	Anesthesia And Analgesia	Hopf, Harriet W			Y		1
27861439	Trends in Tramadol: Pharmacology, Metabolism, and Misuse.	2017	Anesthesia And Analgesia	Miotto, Karen; Cho, Arthur K; Khalil, Mohamed A; Blanco, Kirsten; Sasaki, Jun D; Rawson, Richard			Y		28
27861435	Intramuscular Fentanyl and Ketorolac Associated with Superior Pain Control After Pediatric Bilateral Myringotomy and Tube Placement Surgery: A Retrospective Cohort Study.	2017	Anesthesia And Analgesia	Stricker, Paul A; Muhyi, Wallis T; Jantzen, Ellen C; Li, Yue; Jawad, Abbas F; Long, Alexander S; Polansky, Marcia; Cook-Sather, Scott D			Y		1
27861362	Effects of target-controlled infusion of high-dose naloxone on pain and hyperalgesia in a human thermal injury model: a study protocol: A randomized, double-blind, placebo-controlled, crossover trial with an enriched design.	2016	Medicine	Springborg, Anders D; Jensen, Elisabeth K; Taylor, Bradley K; Werner, Mads U			Y		3
27858921	Effectiveness of postoperative intravenous acetaminophen (Acello) after gastrectomy: A propensity score-matched analysis.	2016	Medicine	Ohkura, Yu; Haruta, Shusuke; Shindoh, Junichi; Tanaka, Tsuyoshi; Ueno, Masaki; Udagawa, Harushi			Y		3
27858510	Patterns of naloxone use in hospitalized patients.	2017	Postgraduate Medicine	Yung, Lisa; Lee, Kelly C; Hsu, Chih; Furnish, Timothy; Atayee, Rabia S			Y		0
27849666	The Opioid Epidemic and New Legislation in Massachusetts: Time For a Culture Change in Surgery?	2017	Annals Of Surgery	Kaafarani, Haytham M A; Weil, Eric; Wakeman, Sarah; Ring, David			Y		11
27846789	Impact of breakthrough pain on community-dwelling cancer patients: results from the National Breakthrough Pain Study.	2017	Postgraduate Medicine	Katz, Nathaniel P; Gajria, Kavita L; Shillington, Alicia C; Stephenson, Judith J; Harshaw, Qing	Y				2
27842182	Inappropriate Opioid Dosing and Prescribing for Children: An Unintended Consequence of the Clinical Pain Score?	2017	JAMA Pediatrics	Voepel-Lewis, Terri; Malviya, Shobha; Tait, Alan R			Y		0
27838720	Hailey.	2016	JAMA	Weeks, William B			Y		Not found on Microsoft Academic
27831525	Narcotic and Antidepressant Use and Hospital Readmission Rates in Children With Functional Abdominal Pain.	2017	Clinical Pediatrics	Holland, Kathleen J; Bennett, William E Jr			Y		0
27806160	As Opioid Epidemic Rages, Complementary Health Approaches to Pain Gain Traction.	2016	JAMA	Abbasi, Jennifer			Y		5
27802551	Opioids Out, Cannabis In: Negotiating the Unknowns in Patient Care for Chronic Pain.	2016	JAMA	Choo, Esther K; Feldstein Ewing, Sarah W; Lovejoy, Travis I			Y		12
27798391	Pain Management for Sickle Cell Disease in the Pediatric Emergency Department: Medications and Hospitalization Trends.	2017	Clinical Pediatrics	Cacciatore, Chantel; Vaiselbuh, Sarah; Romanos-Sirakis, Eleny			Y		6
27789269	Grieving the Loss of a Brother Who Is Still Alive.	2017	Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Rake, P Angela			Y		0
27788591	Chloroform ingestion causing severe gastrointestinal injury, hepatotoxicity and dermatitis confirmed with plasma chloroform concentrations.	2017	Clinical Toxicology (Philadelphia, Pa.)	Jayaweera, Dushan; Islam, Shawkat; Gunja, Naren; Cowie, Chris; Broska, James; Poojara, Latesh; Roberts, Michael S; Isbister, Geoffrey K	Y				3
27729254	Opioid dependence and pregnancy: minimizing stress on the fetal brain.	2017	American Journal Of Obstetrics And Gynecology	McCarthy, John J; Leamont, Martin H; Finnegan, Loretta P; Fassbender, Catherine			Y		11
27787391	Cardiac arrest in a patient with anterior fascicular block after administration of dexmedetomidine with spinal anesthesia: A case report.	2016	Medicine	Kim, Baek Jin; Kim, Bong Il; Byun, Sung Hye; Kim, Eugene; Sung, Shin Yeung; Jung, Jin Yong			Y		1
27787363	The safety and efficacy of alfentanil-based induction in bronchoscopy sedation: A randomized, double-blind, controlled trial.	2016	Medicine	Hsieh, Chung-Hsing; Lin, Ting-Yu; Wang, Tsai-Yu; Kuo, Chih-Hsi; Lin, Shu-Min; Kuo, Han-Pin; Lo, Yu-Lun			Y		2
27782769	Prescription opioid abuse and misuse: gap between primary-care investigator assessment and actual extent of these behaviors among patients with chronic pain.	2017	Postgraduate Medicine	Setnik, Beatrice; Roland, Carl L; Pixton, Glenn C; Sommerville, Kenneth W			Y		3

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27741199	Abdominal Incision Injection of Liposomal Bupivacaine and Opioid Use After Laparotomy for Gynecologic Malignancies.	2016	Obstetrics And Gynecology	Kalogera, Eleftheria; Bakkum-Gamez, Jamie N; Weaver, Amy L; Moriarty, James P; Borah, Bijan J; Langstraat, Carrie L; Jankowski, Christopher J; Lovely, Jenna K; Cliby, William A; Dowdy, Sean C					16
27771034	Efficacy of retroperitoneal triple neurectomy for refractory neuropathic inguinodynia.	2016	American Journal Of Surgery	Moore, Alexandra M; Bjurstrom, Martin F; Hiatt, Jonathan R; Amid, Parviz K; Chen, David C		Y			7
27770844	No, Mindfulness-Meditation-Based Analgesia Is Not Mediated by Endogenous Opioids.	2016	The American Journal Of Medicine	Zeidan, Fadel					0
27480203	A Pragmatic Randomized Evaluation of a Nurse-Initiated Protocol to Improve Timeliness of Care in an Urban Emergency Department.	2016	Annals Of Emergency Medicine	Douma, Matthew J; Drake, Claire A; O'Dochartaigh, Domhnall; Smith, Katherine E		Y			5
27287548	Auricular Acupuncture in Emergency Department Treatment of Acute Pain.	2016	Annals Of Emergency Medicine	Tsai, Shiu-Lin; Fox, Lindsay M; Murakami, Mikiko; Tsung, James W		Y			9
27770628	Analgesic Effect of Perioperative Systemic Dexmethasone on Blowout Fracture Surgery.	2017	Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Kormi, Eeva; Shall, Johanna; Koivusalo, Anna-Maria; Suominen, Anna Liisa; Thoren, Hanna; Tornwall, Jyrki		Y			4
27768163	Choice of Analgesics After Adenotonsillectomy: Are We Between a Rock and a Hard Place?	2016	JAMA Otolaryngology-- Head & Neck Surgery	Pinto, Jayant M; Salvador, Ryan; Naclerio, Robert M		Y			2
27762434	Randomized open-label phase II study comparing oxycodone-naloxone with oxycodone in early return of gastrointestinal function after laparoscopic colorectal surgery.	2017	The British Journal Of Surgery	Creamer, F; Balfour, A; Nimmo, S; Foo, I; Norrie, J D; Williams, L J; Fearon, K C; Paterson, H M		Y			5
27759644	The research on long-term clinical effects and patients' satisfaction of gabapentin combined with oxycontin in treatment of severe cancer pain.	2016	Medicine	Chen, Dong-Liang; Li, Yu-Hong; Wang, Zhi-Juan; Zhu, Ye-Ke		Y			1
27749351	Optimizing Pain and Rehabilitation After Knee Arthroplasty: A Two-Center, Randomized Trial.	2016	Anesthesia And Analgesia	Choi, Stephen; O'Hare, Turlough; Gollish, Jeffrey; Paul, James E; Kreder, Hans; Thorpe, Kevin E; Katz, Joel D; Mamdani, Muhammad; Moisikuk, Peter; McCartney, Colin J		Y			3
27464972	The Effect of Preoperative Pregabalin on Postoperative Nausea and Vomiting: A Meta-analysis.	2016	Anesthesia And Analgesia	Grant, Michael C; Betz, Matthew; Hulse, Matthew; Zorrilla-Vaca, Andres; Hobson, Deborah; Wick, Elizabeth; Wu, Christopher L; Katechia, Devrrat T; Bhat, Waseem; Lewis, Christopher; Varma, Mritunjay		Y			7
27755304	The Use of Opioid Analgesics following Common Upper Extremity Surgical Procedures: A National, Population-Based Study.	2017	Plastic And Reconstructive Surgery			Y			Not found on Microsoft Academic
27755057	Programmed Intermittent Epidural Bolus for Labor Analgesia During First Stage of Labor: A Biased-Coin Up-and-Down Sequential Allocation Trial to Determine the Optimum Interval Time Between Boluses of a Fixed Volume of 10 mL of Bupivacaine 0.0625% With Fentanyl 2 μg/mL.	2017	Anesthesia And Analgesia	Epsztein Kanczuk, Marcelo; Barrett, Nicholas Martin; Arzola, Cristian; Downey, Kristi; Ye, Xiang Y; Carvalho, Jose C A		Y			Not found on Microsoft Academic
27754915	Journal Club: Exacerbation of headache during dihydroergotamine for chronic migraine does not alter outcome.	2016	Neurology	Woldeamanuel, Yohannes W; O'Hare, Meabh; DeSouza, Danielle D; Cowan, Robert P		Y			0
27571257	STR-324, a Stable Analog of Opiorphin, Causes Analgesia in Postoperative Pain by Activating Endogenous Opioid Receptor-dependent Pathways.	2016	Anesthesiology	Sitbon, Philippe; Van Elstraete, Alain; Hamdi, Leila; Juarez-Perez, Victor; Mazoit, Jean-Xavier; Benhamou, Dan; Rougeot, Catherine					4
27542303	Dexmedetomidine for prevention of delirium in elderly patients after non-cardiac surgery: a randomised, double-blind, placebo-controlled trial.	2016	Lancet (London, England)	Su, Xian; Meng, Zhao-Ting; Wu, Xin-Hai; Cui, Fan; Li, Hong-Liang; Wang, Dong-Xin; Zhu, Xi; Zhu, Sai-Nan; Maze, Mervyn; Ma, Daqing; Montandon, Gaspard; Cushing, Sharon L; Campbell, Fiona; Probst, Evan J; Horner, Richard L; Narang, Indra					118
27541315	Distinct Cortical Signatures Associated with Sedation and Respiratory Rate Depression by Morphine in a Pediatric Population.	2016	Anesthesiology			Y			7
27177427	Clinical Predictors of 30-Day Emergency Department Revisits for Patients with Urteral Stones.	2016	The Journal Of Urology	Ganesan, Vishnu; Loftus, Christopher J; Hinck, Bryan; Greene, Daniel J; Nyame, Yaw A; Sivalingam, Sri; Monga, Manoj		Y			3
27749531	Application of radiofrequency thermocoagulation combined with adriamycin injection in dorsal root ganglia for controlling refractory pain induced by rib metastasis of lung cancer (a STROBE-compliant article).	2016	Medicine	Xie, Guang-Lun; Guo, Da-Peng; Li, Zhi-Gang; Liu, Chang; Zhang, Wei		Y			0
27748654	Transient Receptor Potential Ankyrin 1 Activation within the Cardiac Myocyte Limits Ischemia-reperfusion Injury in Rodents.	2016	Anesthesiology	Lu, Yao; Piplani, Honit; McAllister, Stacy L; Hurt, Carl M; Gross, Eric R					4
27741140	Effects of remifentanil versus nitrous oxide on postoperative nausea, vomiting, and pain in patients receiving thyroidectomy: Propensity score matching analysis.	2016	Medicine	Kim, Min Kyoungh; Yi, Myung Sub; Kang, Hyun; Choi, Geun-Joo		Y			2
27734470	Remifentanil tolerance and hyperalgesia: short-term gain, long-term pain?	2016	Anaesthesia	Yu, E H Y; Tran, D H D; Lam, S W; Irwin, M G		Y			27
27732710	Efficacy of Liposomal Bupivacaine Infiltration on the Management of Total Knee Arthroplasty.	2017	JAMA Surgery	Sakamoto, Bryan; Keiser, Shelly; Meldrum, Russell; Harker, Gene; Freese, Andrew		Y			12

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27714758	A randomised, controlled, double blind, non-inferiority trial of ultrasound-guided fascia iliaca block vs. spinal morphine for analgesia after primary hip arthroplasty.	2016	Anaesthesia	Kearns, R; Macfarlane, A; Grant, A; Puxty, K; Harrison, P; Shaw, M; Anderson, K; Kinsella, J	Y				10
27696098	Predictive Factors for Pain After Endoscopic Resection of Gastric Tumors.	2016	Digestive Diseases And Sciences	Kim, Seung Young; Jung, Sung Woo; Choe, Jung Wan; Hyun, Jong Jin; Jung, Young Kul; Koo, Ja Seo; Yim, Hyung Joon; Lee, Sang Woo			Y		2
27690715	Economic and clinical burden of opioid-induced nausea and vomiting.	2017	Postgraduate Medicine	Nicholson, Bruce D	Y				4
27690553	Ultra-Low-Dose Buprenorphine for Mental Pain: Response to Ruan et al.	2016	The American Journal Of Psychiatry	Yovell, Yoram; Bar, Gali			Y		1
27690549	Effects of Ultra-Low-Dose Buprenorphine on Suicidal Ideation Confounded by Physical Pain Relief?	2016	The American Journal Of Psychiatry	Ruan, Xiulu; Mancuso, Ken F; Kaye, Alan David	Y				0
30005507	THE PAIN PARADOX.	2016	Hospitals & Health Networks	Stempniak, Marty			Y		Not found on Microsoft Academic
27684878	Effect of sex differences in remifentanil requirements for the insertion of a laryngeal mask airway during propofol anesthesia: A prospective randomized trial.	2016	Medicine	Joe, Han Bum; Kim, Jong Yeop; Kwak, Hyun Jeong; Oh, Sang Eon; Lee, Sook Young; Park, Sung Yong			Y		2
27684871	Efficacy of ultrasound-guided fascia iliaca compartment block after hip hemiarthroplasty: A prospective, randomized trial.	2016	Medicine	Bang, Seunguk; Chung, Jihyun; Jeong, Jaejung; Bak, Hahyeon; Kim, Dongju			Y		7
27684835	Efficacy and tolerability of oxycodone versus fentanyl for intravenous patient-controlled analgesia after gastrointestinal laparotomy: A prospective, randomized, double-blind study.	2016	Medicine	Ding, Zhen; Wang, Kaiguo; Wang, Baosheng; Zhou, Naibao; Li, Hao; Yan, Bo			Y		1
27684802	The optimal dose of dexmedetomidine added to an sufentanil-based analgesic regimen for postoperative pain control in spine surgery: A probit analysis study.	2016	Medicine	Dong, Chun-Shan; Lu, Yao; Zhang, Jun; Sun, Peng; Yu, Jun-Ma; Wu, Chao; Lu, Qiang			Y		4
27673545	Systematic Review of Liposomal Bupivacaine (Exparel) for Postoperative Analgesia.	2016	Plastic And Reconstructive Surgery	Vyas, Krishna S; Rajendran, Sibi; Morrison, Shane D; Shakir, Afaaf; Mardini, Samir; Lemaire, Valerie; Nahabedian, Maurice Y; Baker, Stephen B; Rinker, Brian D; Vasconez, Henry C Ruan, Xiulu; Chiravuri, Srinivas; Kaye, Alan D			Y		12
27659893	The narrative review on morphine in acute coronary syndrome: Recognizing opioidergic cardioprotection.	2016	American Heart Journal		Y				2
27655983	Are We Prescribing Our Patients Too Much Pain Medication? Best Predictors of Narcotic Usage After Spinal Surgery for Scoliosis.	2016	The Journal Of Bone And Joint Surgery. American Volume	Grant, Daniel R; Schoenleber, Scott J; McCarthy, Alicia M; Neiss, Geraldine I; Yorgova, Petya K; Rogers, Kenneth J; Gabos, Peter G; Shah, Suken A			Y		5
27654002	2016 Update on Medical Overuse: A Systematic Review.	2016	JAMA Internal Medicine	Morgan, Daniel J; Dhruva, Sanket S; Wright, Scott M; Korenstein, Deborah			Y		35
27653293	Efficacy of Local Anesthetic With Dexamethasone on the Quality of Recovery Following Total Extraperitoneal Bilateral Inguinal Hernia Repair: A Randomized Clinical Trial.	2016	JAMA Surgery	Sakamoto, Bryan; Harker, Gene; Eppstein, Andrew C; Gwirtz, Kenneth			Y		3
27647717	Codeine: Time to Say "No".	2016	Pediatrics	Tobias, Joseph D; Green, Thomas P; Cote, Charles J			Y		14
27647616	Caring for patients with opioid use disorder in the hospital.	2016	CMAJ : Canadian Medical Association Journal (Journal De L'Association Medcale Canadienne)	Donroe, Joseph H; Holt, Stephen R; Tetrault, Jeanette M			Y		7
27644010	Impact of an Analgesia-Based Sedation Protocol on Mechanically Ventilated Patients in a Medical Intensive Care Unit.	2016	Anesthesia And Analgesia	Faust, Andrew C; Rajan, Pearl; Sheperd, Lindsay A; Alvarez, Carlos A; McCorstin, Phyllis; Doebele, Rebecca L			Y		3
27636574	Does Propofol Anesthesia Lead to Less Postoperative Pain Compared With Inhalational Anesthesia?: A Systematic Review and Meta-analysis.	2016	Anesthesia And Analgesia	Peng, Ke; Liu, Hua-Yue; Wu, Shao-Ru; Liu, Hong; Zhang, Zhao-Cai; Ji, Fu-Hai			Y		8
27634627	Inpatient Pediatric Migraine Treatment: Does Choice of Abortive Therapy Affect Length of Stay?	2016	The Journal Of Pediatrics	Sheridan, David C; Meckler, Garth D			Y		4
27632069	Is Hyaluronic Acid or Corticosteroid Superior to Lactated Ringer Solution in the Short-Term Reduction of Temporomandibular Joint Pain After Arthrocentesis? Part 1.	2017	Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Bouloux, Gary F; Chou, Jolie; Krishnan, Deepak; Aghaloo, Tara; Kahlenasa, Nora; Smith, Julie Ann; Giannakopoulos, Helen			Y		9
27631771	Wide Variation and Excessive Dosage of Opioid Prescriptions for Common General Surgical Procedures.	2017	Annals Of Surgery	Hill, Maureen V; McMahon, Michelle L; Stucke, Ryland S; Barth, Richard J Jr			Y		127
27631259	Opioid-free general anesthesia in patient with Steinert syndrome (myotonic dystrophy): Case report.	2016	Medicine	Gaszynski, Tomasz			Y		2
27631221	The effect of naloxone treatment on opioid-induced side effects: A meta-analysis of randomized and controlled trials.	2016	Medicine	He, Feifang; Jiang, Yilei; Li, Li			Y		5
27612007	Effect of US Food and Drug Administration-Approved Pediatric Labeling on Dispensing of Extended-Release Oxycodone in the Outpatient Retail Setting.	2016	JAMA Pediatrics	Xu, Jing; Gill, Rajdeep; Cruz, Marisa; Staffa, Judy; Lurie, Peter			Y		0
27607476	Long-Acting Patient-Controlled Opioids Are Not Associated With More Postoperative Hypoxemia Than Short-Acting Patient-Controlled Opioids After Noncardiac Surgery: A Cohort Analysis.	2016	Anesthesia And Analgesia	Belcher, Allan W; Khanna, Ashish K; Leung, Steve; Naylor, Amanda J; Hutcherson, Matthew T; Nguyen, Bianka M; Makarova, Natalya; Sessler, Daniel I; Devereaux, P J; Saager, Leif					5

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		Year	Month				[2]		
27603398	Preoperative pregabalin prolongs duration of spinal anesthesia and reduces early postoperative pain: A double-blind, randomized clinical CONSORT study.	2016	Medicine		Park, MiHye; Jeon, Younghoon		Y		3
27603376	Femoral nerve block for patient undergoing total knee arthroplasty: Prospective, randomized, double-blinded study evaluating analgesic effect of perineural fentanyl additive to local anesthetics.	2016	Medicine		Heo, Bong Ha; Lee, Hyeon Jung; Lee, Hyung Gon; Kim, Man Young; Park, Keun Suk; Choi, Jeong Il; Yoon, Myung Ha; Kim, Woong Mo		Y		3
27601311	Battlefield acupuncture: Opening the door for acupuncture in Department of Defense/Veteran's Administration health care.	2016	Nursing Outlook		Walker, Patricia Hinton; Pock, Arnyce; Ling, Catherine G; Kwon, Kyung Nancy; Vaughan, Megan		Y		4
27598676	Titrated doses are optimal for opioids in pain trials - Authors' reply.	2016	Lancet (London, England)		Pathan, Sameer A; Mitra, Biswadev; Cameron, Peter A		Y		2
27598675	Titrated doses are optimal for opioids in pain trials.	2016	Lancet (London, England)		Riou, Bruno; Aubrun, Frederic		Y		0
27590998	Stress activates pronociceptive endogenous opioid signalling in DRG neurons during chronic colitis.	2017	Gut		Guerrero-Alba, Raquel; Valdez-Morales, Eduardo E; Jimenez-Vargas, Nestor N; Lopez-Lopez, Cintya; Jaramillo-Polanco, Josue; Okamoto, Takanobu; Nassar, Yasmin; Bunnett, Nigel W; Lomax, Alan E; Vanner, Stephen J				3
27583928	Effect of opioid prescribing guidelines in primary care.	2016	Medicine		Chen, Jonathan H; Hom, Jason; Richman, Ilana; Asch, Steven M; Podchiyska, Tanya; Johansen, Nawal Atwan		Y		6
27583920	Comparison of relative oxycodone consumption in surgical pleth index-guided analgesia versus conventional analgesia during sevoflurane anesthesia: A randomized controlled trial.	2016	Medicine		Won, Young Ju; Lim, Byung Gun; Lee, So Hyun; Park, Sangwoo; Kim, Heezoo; Lee, Il Ok; Kong, Myoung Hoon		Y		4
27569588	Chronic pain and opiate management.	2016	Disease-A-Month : Dm		Choi, Catherine Y		Y		0
27568492	Perineural bupivacaine injection reduces inguinodynia after inguinal hernia repair.	2016	Surgery		Crompton, Joseph G; Dawes, Aaron J; Donald, Graham W; Livhits, Masha J; Chandler, Charles F		Y		0
27566502	Efficacy of Sleep Tool Education During Hospitalization: A Randomized Controlled Trial.	2016	The American Journal Of Medicine		Farrehi, Peter M; Clore, Kristen R; Scott, J Ryan; Vanini, Giancarlo; Clauw, Daniel J		Y		2
27559984	Comparison of false-negative/positive results of intraoperative evoked potential monitoring between no and partial neuromuscular blockade in patients receiving propofol/remifentanil-based anesthesia during cerebral aneurysm clipping surgery: A retrospective analysis of 685 patients.	2016	Medicine		Kim, Sung-Hoon; Jin, Seok-Joon; Karm, Myong-Hwan; Moon, Young-Jin; Jeong, Hye-Won; Kim, Jae-Won; Ha, Seung-Il; Kim, Joung-Uk		Y		1
27551733	Diagnosis of Intraabdominal Fluid Extravasation After Hip Arthroscopy With Point-of-Care Ultrasonography Can Identify Patients at an Increased Risk for Postoperative Pain.	2017	Anesthesia And Analgesia		Haskins, Stephen C; Desai, Natasha A; Fields, Kara G; Nejim, Jemiel A; Cheng, Stephanie; Coleman, Struan H; Nawabi, Danyal H; Kelly, Bryan T		Y		8
27545291	Sleep disturbance in patients taking opioid medication for chronic back pain.	2016	Anaesthesia		Robertson, J A; Purple, R P; Cole, P; Zaiwalla, Z; Wulff, K; Pattinson, K T S		Y		10
27537764	PICK1 Regulates the Expression and Trafficking of AMPA Receptors in Remifentanil-Induced Hyperalgesia.	2016	Anesthesia And Analgesia		Wang, Zhifen; Yuan, Yuan; Xie, Keliang; Tang, Xiaohong; Zhang, Linlin; Ao, Jiying; Li, Nan; Zhang, Yu; Guo, Suqian; Wang, Guolin		Y		1
27537762	Clonidine Does Not Reduce Pain or Opioid Consumption After Noncardiac Surgery.	2016	Anesthesia And Analgesia		Turan, Alparslan; Babazade, Rovnat; Kurz, Andrea; Devereaux, Phillip J; Zimmerman, Nicole M; Hutcherson, Matthew T; Naylor, Amanda J; Ali Sakr Esa, Wael; Parlow, Joel; Gilron, Ian; Honar, Hooman; Salmasi, Vafie; Sessler, Daniel I				7
27537754	Comparative Plasma and Cerebrospinal Fluid Pharmacokinetics of Paracetamol After Intravenous and Oral Administration.	2016	Anesthesia And Analgesia		Langford, Roger A; Hogg, Malcolm; Bjorksten, Andrew R; Williams, Daryl L; Leslie, Kate; Jamieson, Kris; Kirkpatrick, Carl				9
27537587	Comparison of the morphine-sparing effect of intraoperative dexmedetomidine with and without loading dose following general anesthesia in multiple-fracture patients: A prospective, randomized, controlled clinical trial.	2016	Medicine		Zhao, Jin-Ning; Kong, Min; Qi, Bin; Ge, Dong-Jian		Y		3
27537538	Intraperitoneal Local Anesthetic for Laparoscopic Appendectomy in Children: A Randomized Controlled Trial.	2017	Annals Of Surgery		Hamill, James K; Liley, Andrew; Hill, Andrew G				4
27535446	Preoperative Femoral Nerve Block Did Not Reduce Oral Opioid Consumption at 24 Hours and Increased Risk of Noninjurious Falls After Hip Arthroscopy.	2016	The Journal Of Bone And Joint Surgery. American Volume		Ranawat, Anil		Y		0
27535436	A Meta-Analysis on the Use of Gabapentinoids for the Treatment of Acute Postoperative Pain Following Total Knee Arthroplasty.	2016	The Journal Of Bone And Joint Surgery. American Volume		Hamilton, Thomas W; Strickland, Louise H; Pandit, Hemant G		Y		30
27533746	Risks of Developing Persistent Opioid Use After Major Surgery.	2016	JAMA Surgery		Soneji, Neilesh; Clarke, Hance A; Ko, Dennis T; Wijeysundera, Duminda N				19
27533433	Opioid analgesics.	2016	Lancet (London, England)		Aubin, Henri-Jean; Williams, Jill M; Luquiens, Amandine		Y	Not found on Microsoft Academic	
27533432	Opioid analgesics.	2016	Lancet (London, England)		Allende-Perez, Silvia; Covarrubias-Gomez, Alfredo		Y	Not found on Microsoft Academic	
27533172	Prescribing Opioids for Chronic Pain--Reply.	2016	JAMA		Dowell, Deborah; Haegerich, Tamara M; Chou, Roger		Y		1

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27533171	Prescribing Opioids for Chronic Pain.	2016	JAMA	McAuliffe, William E		Y		1
27533170	Prescribing Opioids for Chronic Pain.	2016	JAMA	Wen, Leana S; Lloyd, M Cooper		Y		1
27509305	Frequency, predictors, and outcomes of urine drug testing among patients with advanced cancer on chronic opioid therapy at an outpatient supportive care clinic.	2016	Cancer	Arthur, Joseph A; Edwards, Tonya; Lu, Zhanhi; Reddy, Suresh; Hui, David; Wu, Jimin; Liu, Diane; Williams, Janet L; Bruera, Eduardo	Y			12
27506326	Effects of intra-operative maintenance of general anaesthesia with propofol on postoperative pain outcomes - a systematic review and meta-analysis.	2016	Anaesthesia	Qiu, Q; Choi, S W; Wong, S S C; Irwin, M G; Cheung, C W		Y		11
27500337	Enhanced Recovery Implementation in Major Gynecologic Surgeries: Effect of Care Standardization.	2016	Obstetrics And Gynecology	Modesitt, Susan C; Sarosiek, Bethany M; Trowbridge, Elisa R; Redick, Dana L; Shah, Puja M; Thiele, Robert H; Tiouririne, Mohamed; Hedrick, Traci L		Y		31
27497017	Pain Management in the Individual with Serious Illness and Comorbid Substance Use Disorder.	2016	The Nursing Clinics Of North America Medicine	Walsh, Anne F; Broglio, Kathleen	Y			0
27495072	Pain related to robotic cholecystectomy with lower abdominal ports: effect of the bilateral ultrasound-guided split injection technique of rectus sheath block in female patients: A prospective randomised trial.	2016	Medicine	Kim, Jin Soo; Choi, Jong Bum; Lee, Sook Young; Kim, Wook Hwan; Baek, Nam Hyun; Kim, Jayoun; Park, Chu Kyung; Lee, Yeon Ju; Park, Sung Yong		Y		2
27492916	Common Functional Gastroenterological Disorders Associated With Abdominal Pain.	2016	Mayo Clinic Proceedings	Bharucha, Adil E; Chakraborty, Subhankar; Sletten, Christopher D		Y		11
27483126	Contribution of the Suppressor of Variegation 3-9 Homolog 1 in Dorsal Root Ganglia and Spinal Cord Dorsal Horn to Nerve Injury-induced Nociceptive Hypersensitivity.	2016	Anesthesiology	Zhang, Jun; Liang, Lingli; Miao, Xuerong; Wu, Shaogen; Cao, Jing; Tao, Bo; Mao, Qingxiang; Mo, Kai; Xiong, Ming; Lutz, Brianna Marie; Bekker, Alex; Tao, Yuan-Xiang		Y		15
27479625	Treating Painful Diabetic Peripheral Neuropathy: An Update.	2016	American Family Physician	Snyder, Matthew J; Gibbs, Lawrence M; Lindsay, Tammy J		Y		13
27474822	PURLs: More isn't better with acute low back pain treatment.	2016	The Journal Of Family Practice	Frazer, Kevin; Stevermer, James J		Y		0
27469381	The analgesic efficacy of sciatic nerve block in addition to femoral nerve block in patients undergoing total knee arthroplasty: a systematic review and meta-analysis.	2016	Anaesthesia	Grape, S; Kirkham, K R; Baeriswyl, M; Albrecht, E		Y		18
27456252	Routine or Selective Opioid Antagonist for Enhanced Bowel Recovery after Surgery.	2016	Journal Of The American College Of Surgeons	Fujita, Tetsuji		Y		0
27450751	Prevalence of Substance Abuse Among Oral and Maxillofacial Surgery Residents From 2006 to 2015.	2016	Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Eckert, Pasquale P; Finkelman, Matthew; Rosenberg, Morton B		Y		1
27450713	The natural history of chronic pancreatitis after operative intervention: The need for revisional operation.	2016	Surgery	Dhar, Vikrom K; Levinsky, Nick C; Xia, Brent T; Abbott, Daniel E; Wilson, Gregory C; Sussman, Jeffrey J; Smith, Milton T; Poreddy, Sampath; Choe, Kyuran; Hanseman, Dennis J; Edwards, Michael J; Ahmad, Syed A		Y		2
27444794	Pain as a Predictor of Opioid Use Disorder in a Nationally Representative Sample.	2016	The American Journal Of Psychiatry	Blanco, Carlos; Wall, Melanie M; Okuda, Mayumi; Wang, Shuai; Iza, Miren; Olfson, Mark		Y		16
27444032	CORR Insights(R): No Difference in Early Analgesia Between Liposomal Bupivacaine Injection and Intrathecal Morphine After TKA.	2017	Clinical Orthopaedics And Related Research	Richebe, Philippe; Brulotte, Veronique		Y	Not found on Microsoft Academic	
27443426	Predictive modeling for chronic pain after ventral hernia repair.	2016	American Journal Of Surgery	Cox, Tiffany C; Huntington, Ciara R; Blair, Laurel J; Prasad, Tanushree; Lincourt, Amy E; Heniford, Brant T; Augenstein, Vedra A		Y		6
27442676	Comparison of the effects of remifentanil-based general anesthesia and popliteal nerve block on postoperative pain and hemodynamic stability in diabetic patients undergoing distal foot amputation: A retrospective observational study.	2016	Medicine	Kim, Na Young; Lee, Ki-Young; Bai, Sun Joon; Hong, Jung Hwa; Lee, Jinwoo; Park, Jong Min; Kim, Shin Hyung		Y		1
27429023	Iatrogenic Opioid Dependence in the United States: Are Surgeons the Gatekeepers?	2017	Annals Of Surgery	Waljee, Jennifer F; Li, Linda; Brummell, Chad M; Englesbe, Michael J				38
27429021	Preoperative Opioid Use Is Independently Associated With Increased Costs and Worse Outcomes After Major Abdominal Surgery.	2017	Annals Of Surgery	Cron, David C; Englesbe, Michael J; Bolton, Christian J; Joseph, Melvin T; Carrier, Kristen L; Moser, Stephanie E; Waljee, Jennifer F; Hilliard, Paul E; Kheterpal, Sachin; Brummell, Chad M		Y		29
27428823	Opioid-induced Loss of Local Anesthetic Potency in the Rat Sciatic Nerve.	2016	Anesthesiology	Liu, Qing; Gold, Michael S		Y		5
27406369	Mitigation Strategies for Opioid Abuse.	2016	The New England Journal Of Medicine	Webster, Lynn R		Y		2
27406368	Mitigation Strategies for Opioid Abuse.	2016	The New England Journal Of Medicine	Bearnot, Benjamin; Schmitt, William; Nejad, Shamim		Y		2
27406367	Mitigation Strategies for Opioid Abuse.	2016	The New England Journal Of Medicine	Volkow, Nora D; McLellan, A Thomas		Y		2
27400458	Incidence of and Risk Factors for Chronic Opioid Use Among Opioid-Naïve Patients in the Postoperative Period.	2016	JAMA Internal Medicine	Sun, Eric C; Darnall, Beth D; Baker, Laurence C; Mackey, Sean				139

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27400353	Public Health Detailing-A Successful Strategy to Promote Judicious Opioid Analgesic Prescribing.	2016	American Journal Of Public Health	Kattan, Jessica A; Tuazon, Ellenie; Paone, Denise; Dowell, Deborah; Vo, Linda; Starrels, Joanna L; Jones, Christopher M; Kunins, Hillary V		Y		11
27399112	A case report: Clinical application of celiac plexus block in bile duct interventional procedures.	2016	Medicine	Karm, Myong-Hwan; Cho, Hyun-Seok; Lee, Jae-Young; Bae, Heon-Yong; Ahn, Ho-Soo; Kim, Yeon Ju; Leem, Jeong-Gil; Choi, Seong-Soo		Y		0
27389132	Magnitude of rib fracture displacement predicts opioid requirements.	2016	The Journal Of Trauma And Acute Care Surgery	Bugaev, Nikolay; Breeze, Janis L; Alhazmi, Majid; Anbari, Hassan S; Arabian, Sandra S; Holewinski, Sharon; Rabinovici, Reuven YaDeau, Jacques T; Brummett, Chad M; Mayman, David J; Lin, Yi; Goytizolo, Enrique A; Padgett, Douglas E; Alexiades, Michael M; Kahn, Richard L; Jules-Elysee, Kethy M; Fields, Kara G; Goon, Amanda K; Gadulov, Yuliya; Westrich, Geoffrey McCarthy, Jason; Davis, Amy		Y		4
27387351	Duloxetine and Subacute Pain after Knee Arthroplasty when Added to a Multimodal Analgesic Regimen: A Randomized, Placebo-controlled, Triple-blinded Trial.	2016	Anesthesiology	YaDeau, Jacques T; Brummett, Chad M; Mayman, David J; Lin, Yi; Goytizolo, Enrique A; Padgett, Douglas E; Alexiades, Michael M; Kahn, Richard L; Jules-Elysee, Kethy M; Fields, Kara G; Goon, Amanda K; Gadulov, Yuliya; Westrich, Geoffrey McCarthy, Jason; Davis, Amy		Y		13
27386723	Diagnosis and Management of Vertebral Compression Fractures.	2016	American Family Physician	Argenson, Jean-Noel A; Husted, Henrik; Lombardi, Adolph Jr; Booth, Robert E; Thienpont, Emmanuel		Y		9
27385689	Global Forum: An International Perspective on Outpatient Surgical Procedures for Adult Hip and Knee Reconstruction.	2016	The Journal Of Bone And Joint Surgery. American Volume	Walley, Alexander Y; Green, Traci C		Y		16
27367047	Mainstreaming Naloxone Through Coprescription to Patients Receiving Long-Term Opioid Therapy for Chronic Pain.	2016	Annals Of Internal Medicine	Coffin, Phillip O; Behar, Emily; Rowe, Christopher; Santos, Glenn-Milo; Coffa, Diana; Bald, Matthew; Vittinghoff, Eric		Y		1
27366987	Nonrandomized Intervention Study of Naloxone Coprescription for Primary Care Patients Receiving Long-Term Opioid Therapy for Pain.	2016	Annals Of Internal Medicine	Van Daele, Douglas J; Bodeker, Kellie L; Trask, Douglas K		Y		44
27357971	Celecoxib Versus Placebo in Tonsillectomy: A Prospective, Randomized, Double-Blind Placebo-Controlled Trial.	2016	The Annals Of Otology, Rhinology, And Laryngology	Logtenberg, Slim; Oude Rengerink, K; Verhoeven, C J; Freeman, L M; van den Akker, Esa; Godfried, M B; van Beek, E; Borchert, Owhm; Schuttemaker, N; van Woerkens, Ecsm; Hostijn, I; Middeldorp, J M; van der Post, J A; Mol, B W		Y		1
27348853	Labour pain with remifentanil patient-controlled analgesia versus epidural analgesia: a randomised equivalence trial.	2017	BJOG : An International Journal Of Obstetrics And Gynaecology	Barrington, John W; Emerson, Roger H; Lovald, Scott T; Lombardi, Adolph V; Berend, Keith R		Y		6
27344405	Chronic Pain and Mental Health Disorders: Shared Neural Mechanisms, Epidemiology, and Treatment.	2016	Mayo Clinic Proceedings	Contrada, Emily		Y		34
27339124	No Difference In Early Analgesia Between Liposomal Bupivacaine Injection and Intrathecal Morphine After TKA.	2017	Clinical Orthopaedics And Related Research	Zhang, Yuhao; Duan, Guangyou; Guo, Shanna; Ying, Ying; Huang, Penghao; Zhang, Mi; Li, Ningbo; Zhang, Xianwei		Y		15
27336988	3 CE Test Hours: Appropriate Use of Opioids in Managing Chronic Pain.	2016	The American Journal Of Nursing	Gammal, Roseann S; Crews, Kristine R; Haidar, Cyrine E; Hoffmann, James M; Baker, Donald K; Barker, Patricia J; Estep, Jeremie H; Pei, Deqing; Broeckel, Ulrich; Wang, Winfred; Weiss, Mitchell J; Relling, Mary V; Hankins, Jane		Y		0
27336987	New Warnings for Opioid Analgesics.	2016	The American Journal Of Nursing	Aschenbrenner, Diane S		Y		0
27336970	Patients with OUD.	2016	The American Journal Of Nursing	Redmond, Jessica		Y		0
27336967	Thinking About Patients in Pain.	2016	The American Journal Of Nursing	Kennedy, Maureen Shawn		Y		0
27336880	To predict sufentanil requirement for postoperative pain control using a real-time method: A prospective observational cohort study.	2016	Medicine	Weigl, Wojciech; Bierylo, Andrzej; Wielgus, Monika; Krzemien-Wiczynska, Swietlana; Szymusik, Iwona; Kolacz, Marcin; Dabrowski, Michał J		Y		1
27335380	Pharmacogenetics for Safe Codeine Use in Sickle Cell Disease.	2016	Pediatrics	Li, Zhirui; Liu, Daohong; Dong, Jiyuan; Gong, Long; Wang, Yong; Tang, Peifu; Zhang, Yan		Y		23
27334324	The Law and Social Values: Prescription Pain Killers.	2016	Clinical Orthopaedics And Related Research	Teo, Wendy Z W; Bai, B Sonny		Y		1
27314754	Using postmortem blood and urine norfentanyl/fentanyl ratios in the investigation of fentanyl-related deaths.	2016	Clinical Toxicology (Philadelphia, Pa.)	Ruan, Xiulu; Chiravuri, Srinivas; Kaye, Alan D		Y		4
27310976	Optimal effect-site concentration of remifentanil for preventing cough during removal of the double-lumen endotracheal tube from sevoflurane-remifentanil anesthesia: A prospective clinical trial.	2016	Medicine	Lee, Sook Young; Yoo, Ji Young; Kim, Jong Yeop; Kim, Dae Hee; Lee, Jung Dong; Rho, Go Un; Park, Hyungbae; Park, Sung Yong		Y		0
27310958	Analgesic efficacy of intrathecal fentanyl during the period of highest analgesic demand after cesarean section: A randomized controlled study.	2016	Medicine	Devine, Christopher A; Yu, Amy; Kasdin, Rachel G; Bogart, Laura M; Davis, Aileen M; Alcantara Abreu, Luis; Ghazinouri, Roya; Thomhill, Thomas S; Katz, Jeffrey N		Y		3
27310945	Effects of Cold Irrigation on Early Results after Total Knee Arthroplasty: A Randomized, Double-Blind, Controlled Study.	2016	Medicine	Wise, Jacqui		Y		1
27307368	Postoperative Pain Management Among Dominican and American Health-Care Providers: A Qualitative Analysis.	2016	The Journal Of Bone And Joint Surgery. American Volume	Devine, Christopher A; Yu, Amy; Kasdin, Rachel G; Bogart, Laura M; Davis, Aileen M; Alcantara Abreu, Luis; Ghazinouri, Roya; Thomhill, Thomas S; Katz, Jeffrey N		Y		3
27307304	Long acting opioids are linked to increased risk of death.	2016	BMJ (Clinical Research Ed.)			Y		0

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27305067	A new abuse-deterrent opioid—Xtampza ER.	2016	The Medical Letter On Drugs And Therapeutics				Y		Not found on Microsoft Academic
27304780	Avoiding Problems from Opioid Pain Medicine.	2016	American Family Physician				Y		Not found on Microsoft Academic
27304778	CDC Develops Guideline for Opioid Prescribing.	2016	American Family Physician	Bredemeyer, Marelle			Y		2
27304767	Weighing the Risks and Benefits of Chronic Opioid Therapy.	2016	American Family Physician	Lembke, Anna; Humphreys, Keith; Newmark, Jordan			Y		7
27304766	The Opioid Epidemic: AMA's response.	2016	American Family Physician	Harris, Patrice A			Y		4
27304765	Using the CDC Guideline and Tools for Opioid Prescribing in Patients with Chronic Pain.	2016	American Family Physician	Dowell, Deborah; Haegerich, Tamara M			Y		10
27299620	Avoiding Opioid Analgesics for Treatment of Chronic Low Back Pain.	2016	JAMA	Ballantyne, Jane C			Y		7
27299617	Prescription of Long-Acting Opioids and Mortality in Patients With Chronic Noncancer Pain.	2016	JAMA	Ray, Wayne A; Chung, Cecilia P; Murray, Katherine T; Hall, Kathi; Stein, C Michael					95
27294667	CE: Appropriate Use of Opioids in Managing Chronic Pain.	2016	The American Journal Of Nursing	Denenberg, Risa; Curtiss, Carol P			Y		0
27294595	Hospital Prescribing of Opioids to Medicare Beneficiaries.	2016	JAMA Internal Medicine	Jena, Anupam B; Goldman, Dana; Karaca-Mandic, Pinar					20
27292167	Superior hypogastric plexus block as a new method of pain relief after abdominal hysterectomy: double-blind, randomised clinical trial of efficacy.	2017	BJOG : An International Journal Of Obstetrics And Gynaecology	Rapp, H; Ledin Eriksson, S; Smith, P			Y		2
27281103	The use of gabapentin in the management of postoperative pain after total knee arthroplasty: A PRISMA-compliant meta-analysis of randomized controlled trials.	2016	Medicine	Han, Chao; Li, Xiao-Dan; Jiang, Hong-Qiang; Ma, Jian-Xiong; Ma, Xin-Long			Y		13
27281065	A Response Surface Model Exploration of Dosing Strategies in Gastrointestinal Endoscopies Using Midazolam and Opioids.	2016	Medicine	Liou, Jing-Yang; Ting, Chien-Kun; Hou, Ming-Chih; Tsou, Mei-Yung			Y		4
27275797	Enhanced Recovery Pathways for Improving Outcomes After Minimally Invasive Gynecologic Oncology Surgery.	2016	Obstetrics And Gynecology	Chapman, Jocelyn S; Roddy, Erika; Ueda, Stefanie; Brooks, Rebecca; Chen, Lee-Lynn; Chen, Lee-May			Y		17
27270854	Posterior paramedian subrhomboidal analgesia versus thoracic epidural analgesia for pain control in patients with multiple rib fractures.	2016	The Journal Of Trauma And Acute Care Surgery	Shelley, Casey L; Berry, Stepheny; Howard, James; De Ruyter, Martin; Theptepha, Melissa; Nazir, Niaman; McDonald, Tracy; Dalton, Annemarie; Moncur, Michael			Y		6
27264228	The on- and off-target effects of morphine in acute coronary syndrome: A narrative review.	2016	American Heart Journal	McCarthy, Cian P; Mullins, Kieran V; Sidhu, Sunjeet S; Schulman, Steven P; McEvoy, John W			Y		14
27262224	Opioids and Sleep-Disordered Breathing.	2016	Chest	Van Ryswyk, Emer; Antic, Nick A			Y		14
27258524	Effects of Intraoperative Dexmedetomidine on Postoperative Pain in Highly Nicotine-Dependent Patients After Thoracic Surgery: A Prospective, Randomized, Controlled Trial.	2016	Medicine	Cai, Xingzhi; Zhang, Ping; Lu, Suifen; Zhang, Zongwang; Yu, Ailan; Liu, Donghua; Wu, Shanshan			Y		2
27258073	Opioid-induced Hallucinations: A Review of the Literature, Pathophysiology, Diagnosis, and Treatment.	2016	Anesthesia And Analgesia	Sivanesan, Eellian; Gitlin, Melvin C; Candiotti, Keith A			Y		4
27244829	FDA Approval of Extended-Release Oxycodone for Children With Severe Pain.	2016	Pediatrics	Yang, Y Tony; Chen, Brian; Bennett, Charles L					3
27238859	Ultrasound-guided subcostal transversus abdominis plane blocks with liposomal bupivacaine vs. non-liposomal bupivacaine for postoperative pain control after laparoscopic hand-assisted donor nephrectomy: a prospective randomised observer-blinded study.	2016	Anaesthesia	Hutchins, J L; Kesha, R; Blanco, F; Dunn, T; Hochhalter, R		Y			13
27236864	Intravenous acetaminophen analgesia after cardiac surgery: A randomized, blinded, controlled superiority trial.	2016	The Journal Of Thoracic And Cardiovascular Surgery	Marmoun, Negmeldeen F; Lin, Peirong; Zimmerman, Nicole M; Mascha, Edward J; Mick, Stephanie L; Insler, Steven R; Sessler, Daniel I; Duncan, Andra E					12
27235619	Pharmacologic Therapies in Musculoskeletal Conditions.	2016	The Medical Clinics Of North America	Loveless, Melinda S; Fry, Adrielle L			Y		9
27233505	No Correlation Between Serum Markers and Early Functional Outcome After Contemporary THA.	2017	Clinical Orthopaedics And Related Research	Poehling-Monaghan, Kirsten L; Taunton, Michael J; Kamath, Atul F; Trousdale, Robert T; Sierra, Rafael J; Pagnano, Mark W			Y		10
27224932	The Antiallodynic Effects of Nefopam Are Mediated by the Adenosine Triphosphate-Sensitive Potassium Channel in a Neuropathic Pain Model.	2016	Anesthesia And Analgesia	Koh, Won UK; Shin, Jin Woo; Bang, Ji-Yeon; Kim, Sae Gyeol; Song, Jun-Gol					0
27213267	Efficacy, Tolerability, and Dose-Dependent Effects of Opioid Analgesics for Low Back Pain: A Systematic Review and Meta-analysis.	2016	JAMA Internal Medicine	Abdel Shaheed, Christina; Maher, Chris G; Williams, Kylie A; Day, Richard; McLachlan, Andrew J			Y		72
27203730	As Opioid Prescribing Guidelines Tighten, Mindfulness Meditation Holds Promise for Pain Relief.	2016	JAMA	Jacob, Julie A			Y		4
27196642	Evaluation of American Indian Health Service Training in Pain Management and Opioid Substance Use Disorder.	2016	American Journal Of Public Health	Katzman, Joanna G; Fore, Chris; Bhatt, Snehal; Greenberg, Nina; Griffin Salvador, Julie; Comerci, George C; Camarata, Christopher; Marr, Lisa; Monette, Rebecca; Arora, Sanjeev; Bradford, Andrea; Taylor, Denise; Dillon, Jenny; Karol, Susan			Y		7
27196485	Preventive Analgesic Efficacy of Nefopam in Acute and Chronic Pain After Breast Cancer Surgery: A Prospective, Double-Blind, and Randomized Trial.	2016	Medicine	Na, Hyo-Seok; Oh, Ah-Young; Koo, Bon-Wook; Lim, Dae-Jin; Ryu, Jung-Hee; Han, Ji-Won			Y		7

PMID	Title	Publication Year		Journal	Authors	Sponsored by the Teva Defendants [1]	Sponsored Only by the U.S. Government [2]	No Sponsorship [3]	Number of Citations [4]
		Year	Month						
27196473	The Effect of Gabapentin on Acute Postoperative Pain in Patients Undergoing Total Knee Arthroplasty: A Meta-Analysis.	2016		Medicine	Zhai, Lifeng; Song, Zhoufeng; Liu, Kang		Y		16
27192475	Predicting the Best Fit: A Comparison of Response Surface Models for Midazolam and Alfentanil Sedation in Procedures With Varying Stimulation.	2016		Anesthesia And Analgesia	Liou, Jing-Yang; Ting, Chien-Kun; Mandell, M Susan; Chang, Kuang-Yi; Teng, Wei-Nung; Huang, Yu-Yin; Tsou, Mei-Yung				4
27190016	Corticogenic anatomical characteristics predetermine risk for chronic pain.	2016		Brain : A Journal Of Neurology	Vachon-Presseau, Etienne; Tetreault, Pascal; Petre, Bogdan; Huang, Lejian; Berger, Sara E; Torbey, Souraya; Baria, Alexis T; Mansour, Ali R; Hashmi, Javeria A; Griffith, James W; Comasco, Erika; Schnitzler, Thomas J; Baliki, Marwan N; Apkarian, A Vania				60
27175953	Top 20 Research Studies of 2015 for Primary Care Physicians.	2016		American Family Physician	Ebell, Mark H; Grad, Roland		Y		0
27175680	Effect of Dexmedetomidine Alone for Intravenous Patient-Controlled Analgesia After Gynecological Laparoscopic Surgery: A Consort-Prospective, Randomized, Controlled Trial.	2016		Medicine	Wang, Xiuqin; Liu, Wenjuan; Xu, Zan; Wang, Fumei; Zhang, Chuanfeng; Wang, Baosheng; Wang, Kaiguo; Yu, Jingui		Y		2
27175664	Effects of Postoperative Pain Management on Immune Function After Laparoscopic Resection of Colorectal Cancer: A Randomized Study.	2016		Medicine	Kim, So Yeon; Kim, Nam Kyu; Baik, Seung Hyuk; Min, Byung Soh; Hur, Hyuk; Lee, Jiniae; Noh, Hyun-Young; Lee, Jong Ho; Koo, Bon-Nyeo		Y		4
27171828	Preliminary Intraoperative Validation of the Nociception Level Index: A Noninvasive Nociception Monitor.	2016		Anesthesiology	Edry, Ruth; Recea, Vasile; Dikust, Yuri; Sessler, Daniel I		Y		16
27171827	Continuous Positive Airway Pressure Mitigates Opioid-induced Worsening of Sleep-disordered Breathing Early after Bariatric Surgery.	2016		Anesthesiology	Zaremba, Sebastian; Shin, Christina H; Hutter, Matthew M; Malviya, Sanjana A; Grabitz, Stephanie D; MacDonald, Teresa; Diaz-Gil, Daniel; Ramachandran, Satya Krishna; Hess, Dean; Malhotra, Atul; Eikermann, Matthias		Y		12
27170195	The effect of an abuse-deterrent opioid formulation (OxyContin) on opioid abuse-related outcomes in the postmarketing setting.	2016		Clinical Pharmacology And Therapeutics	Coplan, P M; Chilcoat, H D; Butler, S F; Sellers, E M; Kadakia, A; Harirkhshan, V; Haddox, J D; Dart, R C				29
27167686	Morphine Suppresses Lung Cancer Cell Proliferation Through the Interaction with Opioid Growth Factor Receptor: An In Vitro and Human Lung Tissue Study.	2016		Anesthesia And Analgesia	Kim, Ji Yeon; Ahn, Hyun Joo; Kim, Jin Kyung; Kim, Jhingoock; Lee, Sang Hyun; Chae, Hyun Byung		Y		5
27166559	Rethinking chronic pain in a primary care setting.	2016		Postgraduate Medicine	Stanos, Steven; Brodsky, Marina; Argoff, Charles; Clauw, Daniel J; D'Arcy, Yvonne; Donevan, Sean; Gebke, Kevin B; Jensen, Mark P; Lewis Clark, Evelyn; McCarberg, Bill; Park, Peter W; Turk, Dennis C; Watt, Stephen	Y			14
27163960	Chronic Opioid Usage in Surgical Patients in a Large Academic Center.	2017		Annals Of Surgery	Jiang, Xueying; Orton, Margaret; Feng, Rui; Hossain, Erik; Malhotra, Neil R; Zager, Eric L; Liu, Renyu	Y			33
27159759	Pain and Analgesia During Labor and Delivery Between 16 0/7 and 22 6/7 Weeks of Gestation.	2016		Obstetrics And Gynecology	Hamer, Theresa; Deverman, Sarah; Nunes, Kenneth J; Hofer, Jennifer; Scavone, Barbara M		Y		0
27156949	The Surgeon's Roles in Stemming the Prescription Opioid Abuse Epidemic.	2016		Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Hupp, James R		Y		4
27156796	Efficacy of transversus abdominis plane block with liposomal bupivacaine during open abdominal wall reconstruction.	2016		American Journal Of Surgery	Fayezizadeh, Mojtaba; Majumder, Arnab; Neupane, Ruel; Elliott, Heidi L; Novitsky, Yuri W		Y		11
27153016	Are Pain Management Questions in Patient Satisfaction Surveys Driving the Opioid Epidemic?	2016		American Journal Of Public Health	Adams, Jerome; Bledsoe, Gregory H; Armstrong, John H		Y		7
27149500	Sex Differences in the Morphine-Sparing Effects of Intraoperative Dexmedetomidine in Patient-Controlled Analgesia Following General Anesthesia: A Consort-Prospective, Randomized, Controlled Clinical Trial.	2016		Medicine	Li, Yuan-Yuan; Ge, Dong-Jian; Li, Jin-Yu; Qi, Bin		Y		3
27149489	Efficacy of Intravenous Lidocaine During Endoscopic Submucosal Dissection for Gastric Neoplasm: A Randomized, Double-Blind, Controlled Study.	2016		Medicine	Kim, Ji Eun; Choi, Jong Bum; Koo, Bon-Nyeo; Jeong, Hae Won; Lee, Byung Ho; Kim, So Yeon		Y		3
27140051	Ultrasound-Guided Thoracic Wall Nerve Blocks to Reduce Postoperative Pain and Eliminate Opioid Consumption in Patients Undergoing Implant-Based Breast Reconstruction.	2016		Plastic And Reconstructive Surgery	Bonomi, Stefano; Salval, Andre; Crippa, Sara		Y		3
27133392	A Randomized Trial Testing the Effect of Narrative Vignettes Versus Guideline Summaries on Provider Response to a Professional Organization Clinical Policy for Safe Opioid Prescribing.	2016		Annals Of Emergency Medicine	Meisel, Zachary F; Mellay, Joshua P; Sinnenberg, Lauren; Kilaru, Austin S; Grossestreuer, Anne; Barg, Frances K; Shofer, Frances S; Rhodes, Karin V; Perrone, Jeanmarie		Y		7

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27131463	Narcotic Use and Postoperative Doctor Shopping by Patients with Nephrolithiasis Requiring Operative Intervention: Implications for Patient Safety.	2016	The Journal Of Urology	Kappa, Stephen F; Green, Elizabeth A; Miller, Nicole L; Herrell, Stanley D; Mitchell, Christopher R; Mir, Hassan R; Resnick, Matthew J B; Jessica	Y			5
27123608	Caring for Patients in Pain.	2016	The American Journal Of Nursing			Y		0
27111644	Response Patterns to the Electric Stimulation of Epidural Catheters in Pregnant Women: A Randomized Controlled Trial of Uniport Versus Multiport Catheters.	2016	Anesthesia And Analgesia	Patel, Ruchira; Arzola, Cristian; Petrounevitch, Vitali; Balki, Minalini; Downey, Kristi; Tsui, Ban C H; Carvalho, Jose C A		Y		4
27111643	Controlled Substance Reconciliation Accuracy Improvement Using Near Real-Time Drug Transaction Capture from Automated Dispensing Cabinets.	2016	Anesthesia And Analgesia	Epstein, Richard H; Dexter, Franklin; Gratch, David M; Perino, Michael; Magrann, Jerry		Y		3
27100439	Comparison of Acute and Chronic Pain after Open Nephrectomy versus Laparoscopic Nephrectomy: A Prospective Clinical Trial.	2016	Medicine	Alper, Isik; Yuksel, Esra		Y		7
27091515	A two-year retrospective review of the determinants of pre-hospital analgesia administration by alpine helicopter emergency medical physicians to patients with isolated limb injury.	2016	Anaesthesia	Eidenbenz, D; Taffe, P; Hugli, O; Albrecht, E; Pasquier, M		Y		10
27089000	The Effect of Intrathecal Morphine Dose on Outcomes After Elective Cesarean Delivery: A Meta-Analysis.	2016	Anesthesia And Analgesia	Sultan, Pervez; Halpern, Stephen H; Pushpanathan, Ellile; Patel, Selina; Carvalho, Brendan				24
27088994	Epidural Volume Extension During Combined Spinal-Epidural Labor Analgesia Does Not Increase Sensory Block.	2016	Anesthesia And Analgesia	Zaphiratos, Valerie; George, Ronald B; Macaulay, Bruce; Bolleddula, Prasad; McKeen, Dolores M		Y		2
27088781	Pharmacotherapy for Pain in a Family With Inherited Erythromelalgia Guided by Genomic Analysis and Functional Profiling.	2016	JAMA Neurology	Geha, Paul; Yang, Yang; Estacion, Mark; Schulman, Betsy R; Tokuno, Hajime; Apkarian, A Vanja; Dib-Hajj, Sulayman D; Waxman, Stephen G		Y		31
27086088	Laparoscopic Totally Extraperitoneal Groin Hernia Repair and Quality of Life at 2-Year Follow-Up.	2016	Journal Of The American College Of Surgeons	Gitelis, Matthew E; Patel, Lava; Deasis, Francis; Joehl, Ray; Lapin, Brittany; Linn, John; Haggerty, Stephen; Denham, Woody; Ujiki, Michael B		Y		4
27082620	Dorsal Penile Nerve Block With Ropivacaine-Reduced Postoperative Catheter-Related Bladder Discomfort in Male Patients After Emergence of General Anesthesia: A Prospective, Randomized, Controlled Study.	2016	Medicine	Li, Jing-yi; Yi, Ming-liang; Liao, Ren		Y		5
27082588	The Adverse Events of Oxycodone in Cancer-Related Pain: A Systematic Review and Meta-Analysis of Randomized Controlled Trials.	2016	Medicine	Ma, Hu; Liu, Yuan; Huang, Lang; Zeng, Xian-Tao; Jin, Su-Han; Yue, Guo-Jun; Tian, Xu; Zhou, Jian-Guo				5
27082422	CE: Intrathecal Pumps for Managing Cancer Pain.	2016	The American Journal Of Nursing	Textor, Laura Hanssen		Y		0
27074894	Transversus Abdominis Plane Block for Postoperative Analgesia in Patients Undergoing Total Laparoscopic Hysterectomy: A Randomized, Controlled, Observer-Blinded Trial.	2016	Anesthesia And Analgesia	Ghisì, Daniela; Fanelli, Andrea; Vianello, Federico; Gardini, Marco; Mensi, Giulio; La Colla, Luca; Danelli, Giorgio		Y		11
27065359	Patient-Controlled Analgesia Plus Background Opioid Infusion for Postoperative Pain in Children: A Systematic Review and Meta-Analysis of Randomized Trials.	2016	Anesthesia And Analgesia	Hayes, Jason; Dowling, Jeremiah J; Pelowski, Arie; Crawford, Mark W; Johnston, Bradley		Y		6
27050233	Intensity of Chronic Pain.	2016	The New England Journal Of Medicine	Baker, David W; Chassin, Mark R		Y		5
27050232	Intensity of Chronic Pain.	2016	The New England Journal Of Medicine	Ballantyne, Jane C; Sullivan, Mark D		Y		5
27049780	Benefits of Multimodal Enhanced Recovery Pathway in Patients Undergoing Open Ventral Hernia Repair.	2016	Journal Of The American College Of Surgeons	Majumder, Arnab; Fazeyizadeh, Mojtaba; Neupane, Ruel; Elliott, Heidi L; Novitsky, Yuri W				25
27049508	Buprenorphine buccal film (Belbuca) for chronic pain.	2016	The Medical Letter On Drugs And Therapeutics			Y		Not found on Microsoft Academic
27046525	Future Directions in Pain Management: Integrating Anatomically Selective Delivery Techniques With Novel Molecularly Selective Agents.	2016	Mayo Clinic Proceedings	Pleticha, Josef; Maus, Timothy P; Beutler, Andreas S		Y		3
27044482	Consequences of unsafe prescribing of transdermal fentanyl.	2016	CMAJ : Canadian Medical Association Journal (Journal De L'Association Medcale Canadienne)	Lucyk, Scott; Nelson, Lewis		Y		3
27044480	Safety of fentanyl initiation according to past opioid exposure among patients newly prescribed fentanyl patches.	2016	CMAJ : Canadian Medical Association Journal (Journal De L'Association Medcale Canadienne)	Friesen, Kevin J; Woelk, Cornelius; Budgen, Shawn		Y		12
27043188	Limiting the Duration of Opioid Prescriptions: Balancing Excessive Prescribing and the Effective Treatment of Pain.	2016	JAMA Internal Medicine	Bateman, Brian T; Choudhry, Niteesh K		Y		10
27039954	Mindfulness Meditation Modulates Pain Through Endogenous Opioids.	2016	The American Journal Of Medicine	Sharon, Haggai; Maron-Katz, Adi; Ben Simon, Eti; Flusser, Yuval; Handler, Talma; Tarrasch, Ricardo; Brill, Silvia		Y		12
27037436	Coccygectomy for patients with chronic coccydynia: a prospective, observational study of 98 patients.	2016	The Bone & Joint Journal	Hanley, E N; Ode, G; Jackson Iii, B J; Seymour, R		Y		5

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27035853	Liposome Bupivacaine Femoral Nerve Block for Postsurgical Analgesia after Total Knee Arthroplasty.	2016	Anesthesiology	Hadzic, Admir; Minkowitz, Harold S; Melson, Timothy I; Berkowitz, Richard; Uskova, Anna; Ringold, Forrest; Lookabaugh, Janice; Ilfeld, Brian M Volkow, Nora D; McLellan, A Thomas		Y		18
27028915	Opioid Abuse in Chronic Pain--Misconceptions and Mitigation Strategies.	2016	The New England Journal Of Medicine			Y		276
27028771	Pain After Unilateral Total Knee Arthroplasty: A Prospective Randomized Controlled Trial Examining the Analgesic Effectiveness of a Combined Adductor Canal Peripheral Nerve Block with Periarticular Infiltration Versus Adductor Canal Nerve Block Alone Versus Periarticular Infiltration Alone.	2016	Anesthesia And Analgesia	Sawhney, Monakshi; Mehdian, Hossein; Kashin, Brian; Ip, Gregory; Bent, Maurice; Choy, Joyce; McPherson, Mark; Bowry, Richard		Y		32
27018693	A Prospective, Randomized, Controlled Trial of Paravertebral Block versus General Anesthesia Alone for Prosthetic Breast Reconstruction.	2016	Plastic And Reconstructive Surgery	Wolf, Ormer; Clemens, Mark W; Purugganan, Ronaldo V; Crosby, Melissa A; Kowalski, Alicia M; Kee, Spencer S; Liu, Jun; Goravanchi, Farzin		Y		9
27018685	Ibuprofen May Not Increase Bleeding Risk in Plastic Surgery: A Systematic Review and Meta-Analysis.	2016	Plastic And Reconstructive Surgery	Kelley, Brian P; Bennett, Katelyn G; Chung, Kevin C; Kozlow, Jeffrey H Naik, Bhiken I; Nemergut, Edward C; Kazemi, Ali; Fernandez, Lucas; Cederholm, Sarah K; McMurry, Timothy L; Durieux, Marcel E		Y		13
27003917	The Effect of Dexmedetomidine on Postoperative Opioid Consumption and Pain After Major Spine Surgery.	2016	Anesthesia And Analgesia			Y		9
26999623	First-line low-dose morphine is better for the control of moderate cancer pain than weaker opioids.	2016	CA: A Cancer Journal For Clinicians	Barton, Mary Kay		Y		2
26999696	Persistent opioid use following cesarean delivery: patterns and predictors among opioid-naïve women.	2016	American Journal Of Obstetrics And Gynecology	Bateman, Brian T; Franklin, Jessica M; Bykov, Katsiaryna; Avorn, Jerry; Shrank, William H; Brennan, Troyen A; Landon, Joan E; Rathmell, James P; Huybrechts, Krista F; Fischer, Michael A; Choudhry, Nitesh K		Y		32
26993881	Delivering safe and effective analgesia for management of renal colic in the emergency department: a double-blind, multigroup, randomised controlled trial.	2016	Lancet (London, England)	Pathan, Sameer A; Mitra, Biswadev; Straney, Lahn D; Afzal, Muhammad Shuaib; Anjum, Shahzad; Shukla, Dharmesh; Morley, Kostantinos; Al Hilli, Shatha A; Al Rumaihi, Khalid; Thomas, Stephen H; Cameron, Peter A				28
26991615	The Effect of Preoperative Gabapentin on Postoperative Nausea and Vomiting: A Meta-Analysis.	2016	Anesthesia And Analgesia	Grant, Michael C; Lee, HeeWon; Page, Andrew J; Hobson, Deborah; Wick, Elizabeth; Wu, Christopher L		Y		13
26986153	Atrial Fibrillation is Associated With Morphine Treatment in Female Breast Cancer Patients: A Retrospective Population-Based Time-Dependent Cohort Study.	2016	Medicine	Lee, Cynthia Wei-Sheng; Muo, Chih-Hsin; Liang, Ji-An; Lin, Ming-Chia; Kao, Chia-Hung				2
26978825	JAMA PATIENT PAGE. Opioids for Chronic Pain.	2016	JAMA	Cordier Scott, LeShaundra; Lewis, Sarah		Y		Not found on Microsoft Academic
26978756	Opioids Prescribed After Low-Risk Surgical Procedures in the United States, 2004–2012.	2016	JAMA	Wunsch, Hannah; Wijeyesundara, Duminda N; Passarella, Molly A; Neuman, Mark D				60
26978601	Opioid Prescribing After Surgical Extraction of Teeth in Medicaid Patients, 2000–2010.	2016	JAMA	Baker, James A; Avorn, Jerry; Levin, Raisa; Bateman, Brian T		Y		20
26978460	Zero Pain Is Not the Goal.	2016	JAMA	Lee, Thomas H		Y		16
26978227	The CDC Guideline on Opioid Prescribing: Rising to the Challenge.	2016	JAMA	Olsen, Yngvild		Y		28
26978030	Seeking Balance Between Pain Relief and Safety: CDC Issues New Opioid-Prescribing Guidelines.	2016	JAMA Neurology	Renthal, William		Y		6
26977893	Opioid Prescribing for Chronic Pain: Not for the Faint of Heart.	2016	JAMA Internal Medicine	Katz, Mitchell H		Y		6
26977702	The Potential Impact on Children of the CDC Guideline for Prescribing Opioids for Chronic Pain: Above All, Do No Harm.	2016	JAMA Pediatrics	Schechter, Neil L; Walco, Gary A		Y		14
26977701	Reducing the Risks of Relief--The CDC Opioid-Prescribing Guideline.	2016	The New England Journal Of Medicine	Frieden, Thomas R; Houry, Debra		Y		77
26977696	CDC Guideline for Prescribing Opioids for Chronic Pain—United States, 2016.	2016	JAMA	Dowell, Deborah; Haegerich, Tamara M; Chou, Roger		Y		1094
26975749	Opioid Use in Fibromyalgia: A Cautionary Tale.	2016	Mayo Clinic Proceedings	Goldenberg, Don L; Clauw, Daniel J; Palmer, Roy E; Clair, Andrew G				19
26974022	Intrathecal Hydromorphone and Morphine for Postcesarean Delivery Analgesia: Determination of the ED90 Using a Sequential Allocation Biased-Coin Method.	2016	Anesthesia And Analgesia	Svigum, Hans P; Arendt, Katherine W; Jacob, Adam K; Niesen, Adam D; Johnson, Rebecca L; Schroeder, Darrell R; Tien, Michael; Mantilla, Carlos B				5
26974021	Inhaled Remifentanil in Rodents.	2016	Anesthesia And Analgesia	Bevans, Tatjana; Deering-Rice, Cassandra; Stockmann, Chris; Light, Alan; Reilly, Christopher; Sakata, Derek J		Y		4
26967774	A prospective time-series quality improvement trial of a standardized analgesia protocol to reduce postoperative pain among neurosurgery patients.	2016	Journal Of Neurosurgery	Titsworth, W Lee; Abram, Justine; Guin, Peggy; Herman, Mary A; West, Jennifer; Davis, Nicolle W; Bushwitz, Jennifer; Hurley, Robert W; Seubert, Christoph N				12

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26962712	Continuous Popliteal Sciatic Blocks: Does Varying Perineural Catheter Location Relative to the Sciatic Bifurcation Influence Block Effects? A Dual-Center, Randomized, Subject-Masked, Controlled Clinical Trial.	2016	Anesthesia And Analgesia	Monahan, Amanda M; Madison, Sarah J; Loland, Vanessa J; Sztain, Jacklynn F; Bishop, Michael L; Sandhu, NavParkash S; Bellars, Richard H; Khalibi, Bahareh; Schwartz, Alexandra K; Ahmed, Sonya S; Donohue, Michael C; Nomura, Scott T; Wen, Cindy H; Ilfeld, Brian M				0
26954774	Misanalysis of Urinalysis: A Teachable Moment.	2016	JAMA Internal Medicine	Holroyd, Kathryn B; Rittenberg, Alexander; Pahwa, Amit		Y		3
26947568	A Randomized Controlled Trial of an Outpatient Protocol for Transitioning Children from Tube to Oral Feeding: No Need for Amitriptyline.	2016	The Journal Of Pediatrics	Davis, Ann M; Dean, Kelsey; Mousa, Hayat; Edwards, Sarah; Cocjin, Jose; Almadhoun, Osama; He, Jianghua; Bruce, Amanda; Hyman, Paul E	Y			4
26938989	Adductor Canal Block Provides Noninferior Analgesia and Superior Quadriceps Strength Compared with Femoral Nerve Block in Anterior Cruciate Ligament Reconstruction.	2016	Anesthesiology	Abdalrah, Faraj W; Whelan, Daniel B; Chan, Vincent W; Prasad, Govindarajulu A; Endersby, Ryan V; Theodoropoulos, John; Oldfield, Stephanie; Oh, Justin; Brull, Richard				19
26937924	Intravenous Dexmedetomidine Promotes Spinal Bupivacaine Anesthesia and Postoperative Analgesia in Lower Limb Surgery: A Double-Blind, Randomized Clinical CONSORT Study.	2016	Medicine	Zhang, Hao; Li, Ming; Zhang, Sai-Yu; Fu, Min; Zhang, Si-Yan		Y		3
26931110	Patient-controlled oral analgesia versus nurse-controlled parenteral analgesia after caesarean section: a randomised controlled trial.	2016	Anaesthesia	Bonnal, A; Dehon, A; Nagot, N; Macioce, V; Nogue, E; Morau, E				7
26926980	No Difference Between Oxycodone/Acetaminophen and Hydrocodone/Acetaminophen for Acute Extremity Pain.	2016	American Family Physician	Slawson, David		Y		1
26919039	Transanal Endoscopic Operation under spinal anaesthesia.	2016	The British Journal Of Surgery	Arezzo, A; Cortese, G; Arolofo, S; Bullano, A; Passera, R; Galletti, E; Morino, M		Y		5
26899862	Perineural versus intravenous dexamethasone as adjuncts to local anaesthetic brachial plexus block for shoulder surgery.	2016	Anaesthesia	Rosenfeld, D M; Ivancic, M G; Hattrup, S J; Renfree, K J; Watkins, A R; Hentz, J G; Gorlin, A W; Spiro, J A; Trentman, T L	Y			18
26897427	Pain and Agitation Management in Critically Ill Patients.	2016	The Nursing Clinics Of North America	Stephens, Julie; Wright, Michael		Y		0
26897240	Bilateral Thoracoscopic Splanchotomy to Alleviate Pain in Chronic Pancreatic Disease.	2016	The Annals Of Thoracic Surgery	Bosanquet, David C; Wilcox, Christopher R M; Rasheed, Ashraf		Y		0
26895002	Active Warming Utilizing Combined IV Fluid and Forced-Air Warming Decreases Hypothermia and Improves Maternal Comfort During Cesarean Delivery: A Randomized Control Trial.	2016	Anesthesia And Analgesia	Cobb, Benjamin; Cho, Yuri; Hilton, Gillian; Ting, Vicki; Carvalho, Brendan		Y		22
26886620	Differential Postoperative Effects of Volatile Anesthesia and Intraoperative Remifentanil Infusion in 7511 Thyroidectomy Patients: A Propensity Score Matching Analysis.	2016	Medicine	Jo, Jun-Young; Choi, Seong-Soo; Yi, Jung Min; Joo, Eun Young; Kim, Ji Hyun; Park, Se Ung; Sim, Ji-Hoon; Karm, Myong-Hwan; Ku, Seungwoo		Y		3
26883652	Pain Control and Functional Milestones in Total Knee Arthroplasty: Liposomal Bupivacaine versus Femoral Nerve Block.	2017	Clinical Orthopaedics And Related Research	Yu, Stephen; Szulc, Alessandra; Walton, Sharon; Bosco, Joseph; Iorio, Richard		Y		24
26882304	ACP Journal Club. In acute low back pain, adding oxycodone/acetaminophen or cyclobenzaprine to naproxen did not improve pain or function.	2016	Annals Of Internal Medicine	Carpenter, Christopher R		Y		0
26880283	Senator questions pain panel's ties to industry.	2016	BMJ (Clinical Research Ed.)	McCarthy, Michael		Y		0
26871201	Perioperative pregabalin for reducing pain, analgesic consumption, and anxiety and enhancing sleep quality in elective neurosurgical patients: a prospective, randomized, double-blind, and controlled clinical study.	2016	Journal Of Neurosurgery	Shimony, Nir; Amit, Uri; Minz, Bella; Grossman, Rachel; Dany, Marc A; Gonen, Lior; Kandov, Karina; Ram, Zvi; Weinbroum, Avi A		Y		12
26869374	Does Brachial Plexus Blockade Result in Improved Pain Scores After Distal Radius Fracture Fixation? A Randomized Trial.	2016	Clinical Orthopaedics And Related Research	Galos, David K; Taomina, David P; Crespo, Alexander; Ding, David Y; Sapienza, Anthony; Jain, Sudheer; Tejwani, Nirmal C		Y		8
26860508	Opportunities for Improvement in the Care of Patients Hospitalized for Inflammatory Bowel Disease-Related Colitis.	2016	Digestive Diseases And Sciences	Lee, Noel S; Pola, Suresh; Groessl, Erik J; Rivera-Nieves, Jesus; Ho, Samuel B		Y		5
26859874	The Effects of the Toll-Like Receptor 4 Antagonist, Ibdilast, on Sevoflurane's Minimum Alveolar Concentration and the Delayed Remifentanil-Induced Increase in the Minimum Alveolar Concentration in Rats.	2016	Anesthesia And Analgesia	Ruiz-Perez, Daniel; Benito, Javier; Polo, Gonzalo; Largo, Carlota; Aguado, Delfa; Sanz, Luis; Gomez de Segura, Ignacio A				1
26859713	Patient outcomes and provider perceptions following implementation of a standardized perioperative care pathway for open liver resection.	2016	The British Journal Of Surgery	Page, A J; Gani, F; Crowley, K T; Lee, K H K; Grant, M C; Zavadsky, T L; Hobson, D; Wu, C; Wick, E C; Pawlik, T M	Y			32
26852264	Use of and barriers to access to opioid analgesics: a worldwide, regional, and national study.	2016	Lancet (London, England)	Berterame, Stefano; Erthal, Juliana; Thomas, Johny; Fellner, Sarah; Vosse, Benjamin; Clare, Philip; Hao, Wei; Johnson, David T; Mohar, Alejandro; Pavadia, Jagjit; Samak, Ahmed; Kamal Eldin; Sipp, Werner; Sumyai, Viroj; Suryawati, Sri; Toufiq, Jallal; Yans, Raymond; Mattick, Richard P				117

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26852263	Increasing worldwide access to medical opioids.	2016	Lancet (London, England)	Cleary, James F; Husain, Asra; Maurer, Martha	Y				3
26847579	WHO analgesic ladder gone astray: wider implications.	2016	BMJ (Clinical Research Ed.)	Basler, Michael H; Keeley, Paul W			Y		0
26845012	Hot Topics in Primary Care: Management of Opioid-induced Constipation.	2015	The Journal Of Family Practice	Johnson, David A; Argoff, Charles E	Y				1
26845291	A Proactive Response to Prescription Opioid Abuse.	2016	The New England Journal Of Medicine	Califf, Robert M; Woodcock, Janet; Ostroff, Stephen			Y		97
26839023	Efficacy of methylnaltrexone for the treatment of opioid-induced constipation: a meta-analysis and systematic review.	2016	Postgraduate Medicine	Mehta, Neel; O'Connell, Kelli; Giambrone, Gregory P; Baqai, Aisha; Diwan, Sudhir					12
26837434	Assessment of the appropriateness of naloxone administration to patients receiving long-term opioid therapy.	2016	Hospital Practice (1995)	Facey, Caroline; Brooks, David; Boland, Jason W			Y		0
26825913	Dry Eye Syndrome Risks in Patients With Fibromyalgia: A National Retrospective Cohort Study.	2016	Medicine	Chen, Chao-Hsien; Yang, Tse-Yen; Lin, Cheng-Li; Chen, Chih-Sheng; Lin, Wei-Ming; Kuo, Chia-Nan; Lin, Ming-Chia; Kao, Chia-Hung					5
26818326	The Use of Opioid Analgesics following Common Upper Extremity Surgical Procedures: A National, Population-Based Study.	2016	Plastic And Reconstructive Surgery	Waljee, Jennifer F; Zhong, Lin; Hou, Hechuan; Sears, Erika; Brummett, Chad; Chung, Kevin C	Y				36
26818274	Perioperative Optimization of Autologous Breast Reconstruction.	2016	Plastic And Reconstructive Surgery	Bonde, Christian T; Khorasani, Hoda; Elberg, Jens; Kehlet, Henrik			Y		7
26816007	Opioid Prescribing for Chronic Pain—Achieving the Right Balance through Education.	2016	The New England Journal Of Medicine	Alford, Daniel P			Y		39
26813298	Botulinum toxin A-induced paralysis of the lateral abdominal wall after damage-control laparotomy: A multi-institutional, prospective, randomized, placebo-controlled pilot study.	2016	The Journal Of Trauma And Acute Care Surgery	Zielinski, Martin D; Kuntz, Melissa; Zhang, Xiaoming; Zagar, Abigail E; Khasawneh, Mohammad A; Zendejas, Benjamin; Polites, Stephanie F; Ferrara, Michael; Harmsen, William Scott; Ballman, Karla S; Park, Myung S; Schiller, Henry J; Dries, David; Jenkins, Donald H					5
26810788	Prevention and Management of Procedural Pain in the Neonate: An Update.	2016	Pediatrics				Y		92
26808634	Perioperative Opioids and Public Health.	2016	Anesthesiology	Kharasch, Evan D; Brunt, L Michael			Y		33
26801381	ANNALS OF EMERGENCY MEDICINE JOURNAL CLUB. Move Over Morphine: Is Ketamine an Effective and Safe Alternative for Treating Acute Pain?: Answers to the September 2015 Journal Club.	2016	Annals Of Emergency Medicine	Barrett, Tyler W; Schriger, David L			Y		Not found on Microsoft Academic
26797114	Systematic Review of Pharmacologic Treatments of Pain After Spinal Cord Injury: An Update.	2016	Archives Of Physical Medicine And Rehabilitation	Mehta, Swati; McIntyre, Amanda; Janzen, Shannon; Loh, Eldon; Teasell, Robert			Y		11
26796821	Avoiding Adverse Events Secondary to Opioid-Induced Respiratory Depression: Implications for Nurse Executives and Patient Safety.	2016	The Journal Of Nursing Administration	Jungquist, Carla R; Correll, Darin J; Fleisher, Lee A; Gross, Jeffrey; Gupta, Rajnish; Pasero, Chris; Stoeling, Robert; Polomano, Rosemary	Y				7
26789872	Eluxadoline for Irritable Bowel Syndrome with Diarrhea.	2016	The New England Journal Of Medicine	Lembo, Anthony J; Lacy, Brian E; Zuckerman, Marc J; Schey, Ron; Dove, Leonard S; Andrae, David A; Davenport, J Michael; McIntyre, Gail; Lopez, Rocío; Turner, Lisa; Covington, Paul S					94
26784770	A PIECE OF MY MIND. What Would Mom Want?	2016	JAMA	Curry, Teddi Anderson			Y		Not found on Microsoft Academic
26778766	Hydromorphone vs fentanyl for epidural analgesia and anesthesia.	2016	American Journal Of Surgery	Nguyen, Melissa N; Zimmerman, Lisa Hall; Meloche, Kathy; Dolman, Heather S; Baylor, Alfred E; Fuleihan, Samir; Wilson, Robert F; Tyburski, James G			Y		2
26771270	An Evaluation of Ultrasound-Guided Adductor Canal Blockade for Postoperative Analgesia After Medial Unicondylar Knee Arthroplasty.	2016	Anesthesia And Analgesia	Henshaw, Daryl S; Jaffe, Jonathan Douglas; Reynolds, Jon Wellington; Dobson, Sean; Russell, Gregory B; Weller, Robert S					2
26769774	Long term opioid analgesic use is linked to increased risk of depression, study shows.	2016	BMJ (Clinical Research Ed.)	Mayor, Susan			Y		0
26765479	Comparison of the Efficacy and Safety of a Pharmacokinetic Model-Based Dosing Scheme Versus a Conventional Fentanyl Dosing Regimen For Patient-Controlled Analgesia Immediately Following Robot-Assisted Laparoscopic Prostatectomy: A Randomized Clinical Trial.	2016	Medicine	Jin, Seok-Joon; Lim, Hyeong-Seok; Kwon, Youn-Ju; Park, Se-Ung; Yi, Jung-Min; Chin, Ji-Hyun; Hwang, Jai-Hyun; Kim, Young-Kug			Y		1
26763312	Smaller Cerebellar Growth and Poorer Neurodevelopmental Outcomes in Very Preterm Infants Exposed to Neonatal Morphine.	2016	The Journal Of Pediatrics	Zwicker, Jill G; Miller, Steven P; Grunau, Ruth E; Chau, Vann; Brant, Rollin; Studholme, Colin; Liu, Mengyuan; Synnes, Anne; Poskitt, Kenneth J; Stiver, Mikaela L; Tam, Emily W Y					42
26763284	Acute hepatotoxicity associated with therapeutic doses of intravenous acetaminophen.	2016	Clinical Toxicology (Philadelphia, Pa.)	Seifert, Steven A; Kovnat, Daniel; Anderson, Victoria E; Green, Jody L; Dart, Richard C; Heard, Kennon J			Y		4
26759359	Opioids in pregnancy.	2016	BMJ (Clinical Research Ed.)	Volkow, Nora D			Y		4

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26756519	Activation of Peripheral mu-opioid Receptors by Dermorphin [D-Arg2, Lys4] (1-4) Amide Leads to Modality-preferred Inhibition of Neuropathic Pain.	2016	Anesthesiology	Tiwari, Vinod; Yang, Fei; He, Shao-Qiu; Shechter, Ronen; Zhang, Chen; Shu, Bin; Zhang, Tong; Tiwari, Vineeta; Wang, Yun; Dong, Xinzhang; Guan, Yun; Raja, Srinivasa N					Not found on Microsoft Academic
26749026	A randomised controlled trial of peri-operative lidocaine infusions for open radical prostatectomy.	2016	Anaesthesia	Weinberg, L; Rachbush, C; Ting, S; Howard, W; Yeomans, M; Gordon, I; McNicol, L; James, K; Story, D; Christophi, C	Y				7
26738899	Diabetes Is Related to Worse Patient-Reported Outcomes at Two Years Following Spine Surgery.	2016	The Journal Of Bone And Joint Surgery. American Volume	Armaghani, Sheyan J; Archer, Kristin R; Rolfe, RenaClayton; Demaio, David N; Devin, Clinton J			Y		18
26734964	Ventilation and the Response to Hypercapnia after Morphine in Opioid-naïve and Opioid-tolerant Rats.	2016	Anesthesiology	Emery, Michael J; Groves, Chase C; Kruse, Timothy N; Shi, Chen; Terman, Gregory W					7
26729918	Most US patients continue to be prescribed opioids after overdose.	2016	BMJ (Clinical Research Ed.)	Wise, Jacqui			Y		0
26721782	Acute feTal behavioral Response to prenatal Yoga: a single, blinded, randomized controlled trial (TRY yoga).	2016	American Journal Of Obstetrics And Gynecology	Babbar, Shilpa; Hill, James B; Williams, Karen B; Pinon, Maria; Chauhan, Suneet P; Maulik, Dev					5
26720852	Follow-up to Nonfatal Opioid Overdoses: More of the Same or an Opportunity for Change?	2016	Annals Of Internal Medicine	Gregg, Jessica			Y		0
26720742	Opioid Prescribing After Nonfatal Overdose and Association With Repeated Overdose: A Cohort Study.	2016	Annals Of Internal Medicine	Larochelle, Marc R; Liebschutz, Jane M; Zhang, Fang; Ross-Degnan, Dennis; Wharam, J Frank					65
26720619	Low-Dose Cannabinoid Type 2 Receptor Agonist Attenuates Tolerance to Repeated Morphine Administration via Regulating mu-Opioid Receptor Expression in Walker 256 Tumor-Bearing Rats.	2016	Anesthesia And Analgesia	Zhang, Mingyue; Wang, Kun; Ma, Min; Tian, Songyu; Wei, Na; Wang, Guonian					Not found on Microsoft Academic
26720026	Effect of Opioids vs NSAIDs and Larger vs Smaller Chest Tube Size on Pain Control and Pleurodesis Efficacy Among Patients With Malignant Pleural Effusion: The TIME1 Randomized Clinical Trial.	2015	JAMA	Rahman, Najib M; Pepperell, Justin; Rehal, Sunita; Saba, Tarek; Tang, Augustine; Ali, Nabeel; West, Alex; Hettiarachchi, Gilhan; Mukherjee, Dipak; Samuel, Johnson; Bentley, Andrew; Dowson, Lee; Miles, Jonathan; Ryan, C Frank; Yoneda, Ken Y; Chauhan, Anoop; Corcoran, John P; Psallidas, Ioannis; Wrightson, John M; Halifax, Rob; Davies, Helen E; Lee, Y C Gary; Dobson, Melissa; Hedley, Emma L; Seaton, Douglas; Russell, Nicky; Chapman, Margaret; McFadyen, Bethan M; Shaw, Rachel A; Davies, Robert J O; Maskell, Nick A; Nunn, Andrew J; Miller, Robert F	Y				44
26710152	Ethical Practice with Patients in Pain.	2016	The American Journal Of Nursing	Olsen, Douglas P			Y		0
26710128	I'm Worried About People in Pain.	2016	The American Journal Of Nursing	Curtiss, Carol P			Y		0
26699170	Comfort Care for Patients Dying in the Hospital.	2015	The New England Journal Of Medicine	Blinderman, Craig D; Billings, J Andrew	Y				63
26697546	Targeted Novel Pharmacotherapy to Improve Outcomes in Opioid-Induced Constipation.	2015	The Journal Of Family Practice	Gupta, Anita	Y				0
26696617	A 46-year-old man with acute low-back pain.	2016	CMAJ : Canadian Medical Association Journal (Journal De L'Association Medcale Canadienne)	Furlan, Andrea D; Murphy, Laura			Y		0
26691121	Opioid Overdose Deaths and Florida's Crackdown on Pill Mills.	2016	American Journal Of Public Health	Kennedy-Hendricks, Alene; Richey, Matthew; McGinty, Emma E; Stuart, Elizabeth A; Barry, Colleen L; Webster, Daniel W					31
26691120	Initiation of Heroin and Prescription Opioid Pain Relievers by Birth Cohort.	2016	American Journal Of Public Health	Novak, Scott P; Bluthenthal, Ricky; Wenger, Lynn; Chu, Daniel; Kral, Alex H			Y		11
26691106	Nonmedical Opioid Pain Relievers and All-Cause Mortality: A 27-Year Follow-Up From the Epidemiologic Catchment Area Study.	2016	American Journal Of Public Health	Cottler, Linda B; Hu, Hui; Smallwood, Bryan A; Anthony, James C; Wu, Li-Tzy; Eaton, William W			Y		5
26684924	Opioids in Psychiatric Disorders: Back to the Future?	2016	The American Journal Of Psychiatry	Schatzberg, Alan F			Y		Not found on Microsoft Academic
26684923	Ultra-Low-Dose Buprenorphine as a Time-Limited Treatment for Severe Suicidal Ideation: A Randomized Controlled Trial.	2016	The American Journal Of Psychiatry	Yovell, Yoram; Bar, Gali; Mashiah, Moti; Baruch, Yehuda; Briskman, Irina; Asherov, Jack; Lotan, Amit; Rigbi, Amihai; Panksepp, Jaak			Y		59
26683935	Diagnostic Performance of Self-Assessment for Constipation in Patients With Long-Term Opioid Treatment.	2015	Medicine	Tafelski, Sascha; Bellin, Felicitas; Denke, Claudia; Beutlhauser, Torsten; Fritzsch, Thomas; West, Christina; Schafer, Michael			Y		0
26683923	Bacterial Infection in Deep Paraspinal Muscles in a Parturient Following Epidural Analgesia: A Case Report and Literature Review: A CARE-Compliant Article.	2015	Medicine	Xue, Xuhong; Song, Jiefu; Liang, Qingyuan; Qin, Jibin			Y		0
26683610	Opioids should be last resort to treat chronic pain, says draft CDC guideline.	2015	BMJ (Clinical Research Ed.)	McCarthy, Michael			Y		8

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26681111	Long-term safety and effectiveness of once-daily, single-entity, extended-release hydrocodone over 76 weeks of an open-label study in patients with chronic noncancer and nonneuropathic pain.	Postgraduate Medicine	2016	Taber, Louise; Lynch, Shau Yu; He, Ellie; Ripa, Steven R				3
26680143	Geriatric trauma G-60 falls with hip fractures: A pilot study of acute pain management using femoral nerve fascia iliaca blocks.	The Journal Of Trauma And Acute Care Surgery	2015	Mangram, Alicia J; Oguntodun, Olakunle F; Hollingsworth, Alexandra K; Prokuski, Laura; Steinstra, Arleen; Collins, Mary; Sucher, Joseph F; Ali-Osman, Francis; Dzandu, James K		Y		7
26669989	Disambiguating Pharmacodynamic Efficacy from Behavior with Neuroimaging: Implications for Analgesic Drug Development.	Anesthesiology	2016	Wanigasekera, Vishvarani; Mezue, Melvin; Andersson, Jesper; Kong, Yazhuo; Tracey, Irene				16
26667403	The effects of single-dose dexamethasone on inflammatory response and pain after uterine artery embolisation for symptomatic fibroids or adenomyosis: a randomised controlled study.	BJOG : An International Journal Of Obstetrics And Gynaecology	2016	Kim, S Y; Koo, B-N; Shin, C S; Ban, M; Han, K; Kim, M D		Y		6
26655725	Practice Guidelines for the Prevention, Detection, and Management of Respiratory Depression Associated with Neuraxial Opioid Administration: An Updated Report by the American Society of Anesthesiologists Task Force on Neuraxial Opioids and the American Society of Regional Anesthesia and Pain Medicine.	Anesthesiology	2016					Not found on Microsoft Academic
26655493	Does Fentanyl Lead to Opioid-induced Hyperalgesia in Healthy Volunteers?: A Double-blind, Randomized, Crossover Trial.	Anesthesiology	2016	Mauermann, Eckhard; Filitz, Joerg; Dolder, Patrick; Rentsch, Katharina M; Bandschapp, Oliver; Ruppen, Wilhelm				21
26649424	IV and Perineural Dexmedetomidine Similarly Prolong the Duration of Analgesia after Interscalene Brachial Plexus Block: A Randomized, Three-arm, Triple-masked, Placebo-controlled Trial.	Anesthesiology	2016	Abdalrah, Faraj W; Dwyer, Tim; Chan, Vincent W S; Niazi, Ahtham U; Ogilvie-Harris, Darrell J; Oldfield, Stephanie; Patel, Rajesh; Oh, Justin; Brull, Richard	Y			31
26635137	Why oral opioids may not be effective in a subset of chronic pain patients.	Postgraduate Medicine	2016	Tennant, Forest		Y		2
26635068	Levorphanol use: past, present and future.	Postgraduate Medicine	2016	Gudin, Jeffrey; Fudin, Jeffrey; Nalamachu, Srinivas		Y		6
26634956	Efficacy and tolerability of buccal buprenorphine in opioid-naïve patients with moderate to severe chronic low back pain.	Postgraduate Medicine	2016	Rauck, Richard L; Potts, Jeffrey; Xiang, Qinfang; Tzanis, Evan; Finn, Andrew		Y		9
26631936	Opioid abuse-deterring strategies: role of clinicians in acute pain management.	Postgraduate Medicine	2016	Webster, Lynn R; Brennan, Michael J; Kwong, Louis M; Levandowski, Richard; Gudin, Jeffrey A		Y		4
26617275	A prospective observational study of maternal oxygenation during remifentanil patient-controlled analgesia use in labour.	Anaesthesia	2016	Messmer, A A; Potts, J M; Orlikowski, C E			Y	7
26616001	Effect size comparison of ketorolac nasal spray and commonly prescribed oral combination opioids for pain relief after third molar extraction surgery.	Postgraduate Medicine	2016	Niebler, Gwendolyn; Dayno, Jeffrey				2
26615852	An overview of prodrug technology and its application for developing abuse-deterring opioids.	Postgraduate Medicine	2016	Gudin, Jeffrey A; Nalamachu, Srinivas R		Y		7
26614725	Managing Neuropathic Pain.	The Medical Clinics Of North America	2016	Jones, Robert Carter Wellford 3rd; Lawson, Erin; Backonja, Miroslav		Y		17
26614721	Exploring the Use of Chronic Opioid Therapy for Chronic Pain: When, How, and for Whom?	The Medical Clinics Of North America	2016	Brooks, Abigail; Kominek, Courtney; Pham, Thien C; Fudin, Jeffrey		Y		4
26614720	An Overview of Pharmacologic Management of Chronic Pain.	The Medical Clinics Of North America	2016	Beal, Benjamin R; Wallace, Mark S		Y		12
26614718	Biopsychosocial Approach to Assessing and Managing Patients with Chronic Pain.	The Medical Clinics Of North America	2016	Cheatle, Martin D			Y	10
26614715	Chronic Pain Management: An Overview of Taxonomy, Conditions Commonly Encountered, and Assessment.	The Medical Clinics Of North America	2016	Walk, David; Poliak-Tunis, Michelle			Y	7
26611799	Patient-Reported Outcomes Accurately Measure the Value of an Enhanced Recovery Program in Liver Surgery.	Journal Of The American College Of Surgeons	2015	Day, Ryan W; Cleeland, Charles S; Wang, Xin S; Fielder, Sharon; Calhoun, John; Conrad, Claudio; Vauthhey, Jean-Nicolas; Gottumukkala, Vilaya; Aloia, Thomas A; Ballantyne, Jane C; Sullivan, Mark D		Y		24
26605926	Intensity of Chronic Pain—The Wrong Metric?	The New England Journal Of Medicine	2015				Y	73
26595710	A prospective, controlled clinical evaluation of surgical stabilization of severe rib fractures.	The Journal Of Trauma And Acute Care Surgery	2016	Pieracci, Fredric M; Lin, Yihan; Rodil, Maria; Synder, Madeline; Herbert, Benoit; Tran, Dong Kha; Stoval, Robert T; Johnson, Jeffrey L; Biffi, Walter L; Barnett, Carlton C; Cothren-Burlew, Clay; Fox, Charles; Jurkovich, Gregory J; Moore, Ernest E				30
26587683	Perioperative Dextromethorphan as an Adjunct for Postoperative Pain: A Meta-analysis of Randomized Controlled Trials.	Anesthesiology	2016	King, Michael R; Ladha, Karim S; Gelineau, Amanda M; Anderson, T Anthony		Y		15
26579844	An Analysis of 34,218 Pediatric Outpatient Controlled Substance Prescriptions.	Anesthesia And Analgesia	2016	George, Jessica A; Park, Paul S; Hunsberger, Joanne; Shay, Joanne E; Lehmann, Christoph U; White, Elizabeth D; Lee, Benjamin H; Yaster, Myron		Y		5

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26579802	Efficacy of Pregabalin in Acute Postoperative Pain Under Different Surgical Categories: A Meta-Analysis.	2015	Medicine	Lam, David M H; Choi, Siu-Wai; Wong, Stanley S C; Irwin, Michael G; Cheung, Chi-Wai			Y		22
26575145	Impact of Perioperative Epidural Placement on Postdischarge Opioid Use in Patients Undergoing Abdominal Surgery.	2016	Anesthesiology	Ladha, Karim S; Patorno, Elisabetta; Liu, Jun; Bateman, Brian T			Y		11
26573322	Is Local Infiltration Analgesia Superior to Peripheral Nerve Blockade for Pain Management After THA: A Network Meta-analysis.	2016	Clinical Orthopaedics And Related Research	Jimenez-Almonte, Jose H; Wyles, Cody C; Wyles, Saranya P; Norambuena-Morales, German A; Baez, Pedro J; Murad, Mohammad H; Sierra, Rafael J					19
26566754	A randomised controlled trial of peri-operative pregabalin vs. placebo for video-assisted thoracoscopic surgery.	2016	Anaesthesia	Konstantatos, A H; Howard, W; Story, D; Mok, L Y H; Boyd, D; Chan, M T V			Y		4
26566680	Routes of abuse of prescription opioid analgesics: a review and assessment of the potential impact of abuse-deterrent formulations.	2016	Postgraduate Medicine	Gasior, Maciej; Bond, Mary; Malamut, Richard					22
26561554	Improving the recognition and diagnosis of opioid-induced constipation in clinical practice.	2015	The Journal Of Family Practice	Gupta, Anita			Y		2
26559296	Postoperative Pain and Intravenous Patient-Controlled Analgesia-Related Adverse Effects in Young and Elderly Patients: A Retrospective Analysis of 10,575 Patients.	2015	Medicine	Koh, Jae Chul; Lee, Jinae; Kim, So Yeon; Choi, Sumin; Han, Dong Woo			Y		8
26556729	Patient-controlled Analgesia with Target-controlled Infusion of Hydromorphone in Postoperative Pain Therapy.	2016	Anesthesiology	Jeleazcov, Christian; Ihmsen, Harald; Saari, Teijo I; Rohde, Doris; Meli, Jan; Frohlich, Katharina; Krajnovic, Ljubica; Fechner, Jorg; Schwilden, Helmut; Schuttler, Jürgen					6
26554281	Nonsurgical Management of Knee Pain in Adults.	2015	American Family Physician	Jones, Brandon Q; Covey, Carlton J; Sineath, Marvin H Jr			Y		5
26551354	Update on Medical Practices That Should Be Questioned in 2015.	2015	JAMA Internal Medicine	Morgan, Daniel J; Dhruba, Sanket S; Wright, Scott M; Korenstein, Deborah			Y		16
26546957	Clinical Inquiry: How effective are opioids for chronic low back pain?	2015	The Journal Of Family Practice	Freund, Jeffrey; Kraus, Connie; Hooper-Lane, Christopher			Y		1
26536398	A Never-Ending Battle.	2015	The New England Journal Of Medicine	Periyakoil, Vyjayanthi S			Y		1
26529135	Transdermal fentanyl (Ionsys) for postoperative pain.	2015	The Medical Letter On Drugs And Therapeutics				Y		Not found on Microsoft Academic
26528775	Pregabalin Has Analgesic, Ventilatory, and Cognitive Effects in Combination with Remifentanil.	2016	Anesthesiology	Myhre, Marianne; Diep, Lien My; Stubhaug, Audun					24
26523827	Strategies for Flipping the Script on Opioid Overprescribing.	2016	JAMA Internal Medicine	Wright, Aileen P; Becker, William C; Schiff, Gordon D			Y		4
26522794	Trends in Opioid Prescriptions Among Part D Medicare Recipients From 2007 to 2012.	2016	The American Journal Of Medicine	Kuo, Yong-Fang; Raji, Mukaila A; Chen, Nai-Wei; Hasan, Hunaid; Goodwin, James S			Y		32
26512604	Comparison Between the Use of Ropivacaine Alone and Ropivacaine With Sufentanil in Epidural Labor Analgesia.	2015	Medicine	Wang, Xian; Xu, Shiqin; Qin, Xiang; Li, Xiaohong; Feng, Shan-Wu; Liu, Yusheng; Wang, Wei; Guo, Xirong; Shen, Rong; Shen, Xiaofeng; Wang, Fuzhou					2
26512587	Morphine for Intravenous Patient-Controlled Analgesia May Inhibit Delirium Tremens: A Case Report and Literature Review.	2015	Medicine	Chan, Chia-Ta; Liao, Wen-Wei; Huang, William			Y		0
26512563	Intraoperative Dexmedetomidine Promotes Postoperative Analgesia and Recovery in Patients after Abdominal Colectomy: A CONSORT-Prospective, Randomized, Controlled Clinical Trial.	2015	Medicine	Ge, Dong-Jian; Qi, Bin; Tang, Gang; Li, Jin-Yu			Y		Not found on Microsoft Academic
26510070	Prescription Opioid Analgesics: Promoting Patient Safety with Better Patient Education.	2015	The American Journal Of Nursing	Costello, Margaret			Y		7
26507422	Operative Intercostal Nerve Blocks With Long-Acting Bupivacaine Liposome for Pain Control After Thoracotomy.	2015	The Annals Of Thoracic Surgery	Khalil, Kamal G; Boutrous, Mina L; Irani, Adel D; Miller, Charles C 3rd; Pawelek, Timothy R; Estrera, Anthony L; Safi, Hazim J			Y		23
26505714	Thoracic Intercostal Nerve Blocks Reduce Opioid Consumption and Length of Stay in Patients Undergoing Implant-Based Breast Reconstruction.	2015	Plastic And Reconstructive Surgery	Shah, Ajul; Rowlands, Megan; Krishnan, Naveen; Patel, Anup; Ott-Young, Anke			Y		15
26505570	Lack of Analgesic Effect Induced by Ropivacaine Wound Infiltration in Thyroid Surgery: A Randomized, Double-Blind, Placebo-Controlled Trial.	2016	Anesthesia And Analgesia	Miu, Mihaela; Royer, Catherine; Gaillat, Carmen; Schaup, Barbara; Menegaux, Fabrice; Langeron, Olivier; Riou, Bruno; Aubrun, Frederic					2
26501831	The Effect of Systemic Magnesium on Postsurgical Pain in Children Undergoing Tonsillectomies: A Double-Blinded, Randomized, Placebo-Controlled Trial.	2015	Anesthesia And Analgesia	Benzon, Hubert A; Shah, Ravi D; Hansen, Jennifer; Hajdu, John; Billings, Kathleen R; De Oliveira, Gildasio S Jr; Suresh, Santhanam			Y		7
26501533	Naproxen With Cyclobenzaprine, Oxycodone/Acetaminophen, or Placebo for Treating Acute Low Back Pain: A Randomized Clinical Trial.	2015	JAMA	Friedman, Benjamin W; Dym, Andrew A; Davitt, Michelle; Holden, Lynne; Solorzano, Clemencia; Esses, David; Bijur, Polly E; Gallagher, E John			Y		42
26496366	The Analgesic Efficacy of Dexmedetomidine as an Adjunct to Local Anesthetics in Supraclavicular Brachial Plexus Block: A Randomized Controlled Trial.	2015	Anesthesia And Analgesia	Bharti, Neerja; Sardana, Dinesh K; Bala, Indu			Y		11

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26496317	Effect of Hypovitaminosis D on Postoperative Pain Outcomes and Short-Term Health-Related Quality of Life After Knee Arthroplasty: A Cohort Study.	2015	Medicine	Lee, Anna; Chan, Simon Kin Cheong; Samy, Winnie; Chiu, Chun Hung; Gin, Tony			Y	11
26495979	An Innovative Analysis of Analgesic Consumption in the Postoperative Period.	2015	Anesthesiology	Houle, Timothy T			Y	0
26495978	Repeated Time-to-event Analysis of Consecutive Analgesic Events in Postoperative Pain.	2015	Anesthesiology	Juul, Rasmus Vestergaard; Rasmussen, Sten; Kreilgaard, Mads; Christrup, Lona Louring; Simonsson, Ulrika S H; Lund, Trine Meldgaard				11
26490127	Treating Pain in Preterm Infants: Moving from Opioids to Acetaminophen.	2016	The Journal Of Pediatrics	van den Anker, John N; Allegaert, Karel			Y	3
26484463	Nitrous Oxide for the Treatment of Chronic Low Back Pain.	2015	Anesthesia And Analgesia	Turan, Alparslan; Sarwar, Sheryar; Atim, Abdulkadir; Deogaonkar, Anupa; Yousef, Hani F; Katyal, Sumit; Liu, Jinbo; You, Jing; Leizman, Daniel; Mekhail, Nagy; Sessler, Daniel I				4
26464041	A randomised controlled trial of bilateral dual transversus abdominis plane blockade for laparoscopic appendectomy.	2015	Anaesthesia	Tanggaard, K; Jensen, K; Lenz, K; Vazin, M; Binzer, J; Lindberg-Larsen, V O; Niengsch, M; Bendtsen, T F; Jorgensen, L N; Borglum, J				14
26451687	The opioid rotation ratio of strong opioids to transdermal fentanyl in cancer patients.	2016	Cancer	Reddy, Akhila; Tayiasanant, Supakarn; Haider, Ali; Heung, Yvonne; Wu, Jimin; Liu, Diane; Yennurajalingam, Shiram; Reddy, Suresh; de la Cruz, Maxine; Rodriguez, Eden Mae; Waleitch, Jessica; Vidal, Marieberta; Arthur, Joseph; Holmes, Carolyn; Tallie, Kimmie; Wong, Angelique; Dev, Rony; Williams, Janet; Bruera, Eduardo	Y			8
26448030	Comparison Between Ultrasound-Guided Supraclavicular and Interscalene Brachial Plexus Blocks in Patients Undergoing Arthroscopic Shoulder Surgery: A Prospective, Randomized, Parallel Study.	2015	Medicine	Ryu, Taeha; Kil, Byung Tae; Kim, Jong Hae				11
26448012	An Audit of Changes in Outcomes of Acute Pain Service: Evolution Over the Last 2 Decades.	2015	Medicine	Low, Sheng Jia; Wong, Stanley Sau Ching; Qiu, Qiu; Lee, Yvonne; Chan, Timmy Chi Wing; Irwin, Michael G; Cheung, Chi Wai				1
26441278	Clinically Diagnosed Acute Diverticulitis in Outpatients: Misdiagnosis in Patients with Irritable Bowel Syndrome.	2016	Digestive Diseases And Sciences	Longstreth, George F; Tieu, Ryan S			Y	5
26436627	Pain, Opioids, and Addiction.	2015	Annals Of Internal Medicine	Gregg, Jessica			Y	0
26436626	Pain, Opioids, and Addiction.	2015	Annals Of Internal Medicine	Galishoff, Mitchel L			Y	0
26433040	Effects of a Single-Dose of Pre-Emptive Pregabalin on Postoperative Pain and Opioid Consumption After Double-Jaw Surgery: A Randomized Controlled Trial.	2016	Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Ahiskalioglu, Ali; Ince, Ilker; Aksoy, Mehmet; Yalcin, Ertan; Ahiskalioglu, Elif Oral; Kilinc, Adnan			Y	11
26430086	Pain after total knee arthroplasty: a narrative review focusing on the stratification of patients at risk for persistent pain.	2015	The Bone & Joint Journal	Lavand'homme, P; Thienpont, E			Y	30
26430085	The constraints on day-case total knee arthroplasty: the fastest fast track.	2015	The Bone & Joint Journal	Thienpont, E; Lavand'homme, P; Kehlet, H			Y	20
26421810	Perioperative Duloxetine to Improve Postoperative Recovery After Abdominal Hysterectomy: A Prospective, Randomized, Double-Blinded, Placebo-Controlled Study.	2016	Anesthesia And Analgesia	Castro-Alves, Lucas J; Oliveira de Medeiros, Andreia Cristina Pereira; Neves, Saulo Pimentel; Carneiro de Albuquerque, Camila Lucena; Modolo, Norma Sueli; De Azevedo, Vera Lucia; De Oliveira, Gildasio S Jr				9
26397443	The Analgesic Efficacy of Ultrasound-Guided Transversus Abdominis Plane Block in Adult Patients: A Meta-Analysis.	2015	Anesthesia And Analgesia	Baeriswyl, Moira; Kirkham, Kyle R; Kern, Christian; Albrecht, Eric				55
26395762	Randomized clinical trial investigating the stress response from two different methods of analgesia after laparoscopic colorectal surgery.	2015	The British Journal Of Surgery	Day, A R; Smith, R V P; Scott, M J P; Fawcett, W J; Rockall, T A	Y			13
26393904	Does Combination Therapy with Tamsulosin and Tolterodine Improve Ureretal Stent Discomfort Compared with Tamsulosin Alone? A Double-Blind, Randomized, Controlled Trial.	2016	The Journal Of Urology	Sivalingam, Sri; Streeper, Necole M; Sehgal, Priyanka D; Sninsky, Brian C; Best, Sara L; Nakada, Stephen Y			Y	16
26393852	Oxycodone for Cancer Pain in Adult Patients.	2015	JAMA	Schmidt-Hansen, Mia; Bennett, Michael I; Hilgart, Jennifer			Y	7
26391933	Improving the Management of Vaso-Occlusive Episodes in the Pediatric Emergency Department.	2015	Pediatrics	Kavanagh, Patricia L; Sprinz, Philippa G; Wolfgang, Tahlia L; Kilius, Kelly; Champigny, Maria; Sobota, Amy; Dorfman, David; Barry, Karan; Miner, Renee; Moses, James M			Y	21
26389554	Methadone Pharmacogenetics: CYP2B6 Polymorphisms Determine Plasma Concentrations, Clearance, and Metabolism.	2015	Anesthesiology	Kharasch, Evan D; Regina, Karen J; Blood, Jane; Friedel, Christina			Y	38
26378398	Activation of Adenosine Monophosphate-activated Protein Kinase Suppresses Neuroinflammation and Ameliorates Bone Cancer Pain: Involvement of Inhibition on Mitogen-activated Protein Kinase.	2015	Anesthesiology	Song, Huayuan; Han, Yuan; Pan, Caifang; Deng, Xueling; Dai, Wenling; Hu, Liang; Jiang, Chunyi; Yang, Yanjing; Cheng, Zhixiang; Li, Fei; Zhang, Guangqin; Wu, Xuefeng; Liu, Wentao				26

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26378397	An Expedited Care Pathway with Ambulatory Brachial Plexus Analgesia Is a Cost-effective Alternative to Standard Inpatient Care after Complex Arthroscopic Elbow Surgery: A Randomized, Single-blinded Study.	Anesthesiology	2015	Cruz Eng, Hillenn; Riasi, Sheila; Veillette, Christian; Ami, Noam; Niaz, Ahtsham U; Chin, Ki Jinn; Chan, Vincent W S; Perlas, Anahi				6
26376397	Intraoperative Dexmedetomidine Promotes Postoperative Analgesia in Patients After Abdominal Colectomy: A Consort-Prospective, Randomized, Controlled Clinical Trial.	Medicine	2015	Ge, Dong-Jian; Qi, Bin; Tang, Gang; Li, Jin-Yu		Y		13
26375824	Psychiatric Comorbidity Is Associated Prospectively with Diminished Opioid Analgesia and Increased Opioid Misuse in Patients with Chronic Low Back Pain.	Anesthesiology	2015	Wasan, Ajay D; Michna, Edward; Edwards, Robert R; Katz, Jeffrey N; Nedeljkovic, Srdjan S; Dolman, Andrew J; Janfaza, David; Isaac, Zach; Jamison, Robert N	Y			40
26372412	Stochastic Pharmacokinetic-Pharmacodynamic Analysis of the Effect of Transdermal Buprenorphine on Electroencephalogram and Analgesia.	Anesthesia And Analgesia	2015	Olesen, Anne Estrup; Olofsen, Erik; Andresen, Trine; Graversen, Carina; Drewes, Asbjorn Mohr; Dahan, Albert				2
26366984	Racial Disparities in Pain Management of Children With Appendicitis in Emergency Departments.	JAMA Pediatrics	2015	Goyal, Monika K; Kuppermann, Nathan; Cleary, Sean D; Teach, Stephen J; Chamberlain, James M		Y		55
26366540	Factors Predicting Outcomes After a Total Pancreatectomy and Islet Autotransplantation Lessons Learned From Over 500 Cases.	Annals Of Surgery	2015	Chinnakotla, Srinath; Bellman, Gregory J; Dunn, Ty B; Bellin, Melena D; Freeman, Martin L; Radosevich, David M; Araim, Mustafa; Amateau, Stuart K; Mallery, J Shawn; Schwarzenberg, Sarah J; Clavel, Alfred; Wilhelm, Joshua; Robertson, R Paul; Berry, Louise; Cook, Marie; Hering, Bernhard J; Sutherland, David E R; Pruitt, Timothy L		Y		41
26348519	Prescription Opioid Duration of Action and the Risk of Unintentional Overdose—Reply.	JAMA Internal Medicine	2015	Miller, Matthew; Barber, Catherine W; Leatherman, Sarah	Y			2
26348516	Prescription Opioid Duration of Action and the Risk of Unintentional Overdose.	JAMA Internal Medicine	2015	Ruan, Xuili; Wu, Jiang; Kaye, Alan David	Y			1
26348166	Pain Associated With Cesarean Delivery Skin Closure: A Randomized Controlled Trial.	Obstetrics And Gynecology	2015	Mackeen, A Dhanya; Khalifeh, Adeeb; Fleisher, Jonah; Han, Christina; Leiby, Benjamin; Berghella, Vincenzo				7
26343348	Emergency Department Pain Management in Pediatric Patients With Fracture or Dislocation in a Bi-Ethnic Population.	Annals Of Emergency Medicine	2016	Shavit, Itai; Brumer, Eliaz; Shavit, Danielle; Eidelman, Mark; Steiner, Ivan P; Steinberg, Carmit		Y		3
26337039	Prescription Opioid Misuse, Abuse, and Treatment in the United States: An Update.	The American Journal Of Psychiatry	2016	Brady, Kathleen T; McCauley, Jenna L; Back, Sudie E		Y		Not found on Microsoft Academic
26332855	Morphine Glucuronidation and Elimination in Intensive Care Patients: A Comparison with Healthy Volunteers.	Anesthesia And Analgesia	2015	Ahlers, Sabina J G M; Valitalo, Pyry A J; Peeters, Mariska Y M; Gulik, Laura van; van Dongen, Eric P A; Dahan, Albert; Tibboel, Dick; Knibbe, Catherine A J		Y		9
26331595	Enhanced recovery protocol after liver resection.	The British Journal Of Surgery	2015	Savikko, J; Ilmakunnas, M; Makisalo, H; Nordin, A; Isoniemi, H				19
26330593	Intra-articular and portal infiltration versus wrist block for analgesia after arthroscopy of the wrist: a prospective RCT.	The Bone & Joint Journal	2015	Agrawal, Y; Russon, K; Chakrabarti, I; Kocheta, A		Y		1
26323696	More regulation not the answer for opioids.	CMAJ : Canadian Medical Association Journal (Journal De L'Association Medicate Canadienne)	2015	Vogel, Lauren		Y		1
26323200	Intravenous Paracetamol Decreases Requirements of Morphine in Very Preterm Infants.	The Journal Of Pediatrics	2016	Harma, Antti; Aikio, Outi; Hallman, Mikko; Saarela, Timo				22
26320087	Outcomes of Ultrasound-Guided Trigger Point Injection for Abdominal Wall Pain.	Digestive Diseases And Sciences	2016	Alnahhas, Mhd Firas; Oxentenko, Shawn C; Locke, G Richard 3rd; Hansel, Stephanie; Schleck, Cathy D; Zinsmeister, Alan R; Farrugia, Gianrico; Grover, Madhusudan		Y		10
26308433	Ten Myths and Misconceptions Regarding Pain Management in the ICU.	Critical Care Medicine	2015	Sigakis, Matthew J G; Bittner, Edward A		Y		10
26307883	Nonopiod management of acute pain associated with trauma: Focus on pharmacologic options.	The Journal Of Trauma And Acute Care Surgery	2015	Oyler, Douglas R; Parli, Sara E; Bernard, Andrew C; Chang, Phillip K; Procter, Levi D; Harned, Michael E		Y		5
26304255	Annals of Emergency Medicine Journal Club: Move Over Morphine: Is Ketamine an Effective and Safe Alternative for Treating Acute Pain?: September 2015 Annals of Emergency Medicine Journal Club.	Annals Of Emergency Medicine	2015	Barrett, Tyler W; Schriger, David L		Y		Not found on Microsoft Academic
26304045	Does Surgical Stabilization of Lateral Compression-type Pelvic Ring Fractures Decrease Patients' Pain, Reduce Narcotic Use, and Improve Mobilization?	Clinical Orthopaedics And Related Research	2016	Hagen, Jennifer; Castillo, Renan; Dubina, Andrew; Gaski, Greg; Manson, Theodore T; O'Toole, Robert V		Y		5
26300519	A systematic review and meta-regression analysis of prophylactic gabapentin for postoperative pain.	Anaesthesia	2015	Doleman, B; Heinink, T P; Read, D J; Faleiro, R J; Lund, J N; Williams, J P	Y			50
26297055	A prospective randomized controlled trial of laparoscopic repair versus open repair for perforated peptic ulcers.	Surgery	2016	Ge, Bujun; Wu, Min; Chen, Qing; Chen, Quanning; Lin, Rui; Liu, Liming; Huang, Qi Wang, Kai; Qu, Xiao; Wang, Ying; Shen, Hongchang; Liu, Qi; Du, Jiajun		Y		3
26287418	Effect of mu Agonists on Long-Term Survival and Recurrence in Non-small Cell Lung Cancer Patients.	Medicine	2015	Stoeling, Robert K				7
26287287	Continuous Postoperative Electronic Monitoring and the Will to Require It.	Anesthesia And Analgesia	2015			Y		10

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26273927	CE: Acute Pain Management for Inpatients with Opioid Use Disorder.	2015	The American Journal Of Nursing	Paschkis, Zoe; Potter, Mertie L		Y		1
26273747	The Effect of Low-Dose Dexmedetomidine as an Adjuvant to Levobupivacaine in Patients Undergoing Vitreoretinal Surgery Under Sub-Tenon's Block Anesthesia.	2015	Anesthesia And Analgesia	Ghali, Ashraf M; Shabana, Amir M; El Btarri, Ashraf M		Y		4
26273746	Continuous Spinal Analgesia for Labor and Delivery: An Observational Study with a 23-Gauge Spinal Catheter.	2015	Anesthesia And Analgesia	Tao, Weike; Grant, Erica N; Craig, Margaret G; McIntire, Donald D; Leveno, Kenneth J				14
26266387	Comparative Effects of Dexmedetomidine and Propofol on US-Guided Radiofrequency Ablation of Hepatic Neoplasm Under Monitored Anesthesia Care: A Randomized Controlled Study.	2015	Medicine	Joung, Kyoung-Woon; Choi, Seong-Soo; Jang, Dong-Min; Kong, Yu-Gyeong; Lee, Hwa-Mi; Shim, Ji-Hoon; Won, Hyung-Jin; Shin, Yong-Moon; Kim, Pyo-Nyun; Song, Myung-Hee		Y		3
26266386	Dexmedetomidine in Postoperative Analgesia in Patients Undergoing Hysterectomy: A CONSORT-Prospective, Randomized, Controlled Trial.	2015	Medicine	Ren, Chunguang; Chi, Meiyang; Zhang, Yanwei; Zhang, Zongwang; Qi, Feng; Liu, Zhong		Y		19
26266376	Effect of Intraoperative and Postoperative Infusion of Dexmedetomidine on the Quality of Postoperative Analgesia in Highly Nicotine-Dependent Patients After Thoracic Surgery: A CONSORT-Prospective, Randomized, Controlled Trial.	2015	Medicine	Ren, Chunguang; Zhang, Xuejun; Liu, Zhong; Li, Changying; Zhang, Zongwang; Qi, Feng				12
26252288	125I Seed Implant Brachytherapy for Painful Bone Metastases After Failure of External Beam Radiation Therapy.	2015	Medicine	Feng, Shi; Wang, Li; Xiao, Zhang; Maherjan, Rakesh; Chuarking, Li; Fujun, Zhang; Jinhua, Huang; Peihong, Wu		Y		5
26252171	Transversus Abdominis Plane Block Versus Surgical Site Infiltration for Pain Management After Open Total Abdominal Hysterectomy.	2015	Anesthesia And Analgesia	Gasanova, Irina; Alexander, John; Ogunkaike, Babatunde; Hamid, Cherine; Rogers, David; Minhajuddin, Abu; Joshi, Girish P	Y			17
26232172	A multicenter randomized controlled trial of intravenous magnesium for sickle cell pain crisis in children.	2015	Blood	Brousseau, David C; Scott, J Paul; Badaki-Makun, Oluwakemi; Darbari, Deepika S; Chumpitazi, Corrie E; Airewele, Gladstone E; Ellison, Angela M; Smith-Whitley, Kim; Mahajan, Prashant; Sarnaik, Sharada A; Casper, T Charles; Cook, Lawrence J; Dean, J Michael; Leonard, Julie; Hulbert, Monica L; Powell, Elizabeth C; Liem, Robert I; Hickey, Robert; Krishnamurti, Lakshmanan; Hillery, Cheryl A; Nimmer, Mark; Panepinto, Julie A		Y		30
26212402	Psychotropic Medication Use During Inpatient Rehabilitation for Traumatic Brain Injury.	2015	Archives Of Physical Medicine And Rehabilitation	Hammond, Flora M; Barrett, Ryan S; Shea, Timothy; Seel, Ronald T; McAlister, Thomas W; Kaelin, Darryl; Ryser, David K; Corrigan, John D; Cullen, Nora; Horn, Susan D				14
26207518	Opioids and breast cancer recurrence: A Danish population-based cohort study.	2015	Cancer	Cronin-Fenton, Deirdre P; Heide-Jorgensen, Uffe; Ahern, Thomas P; Lash, Timothy L; Christiansen, Peer M; Ejlersen, Bent; Sjogren, Per; Kehlet, Henrik; Sorensen, Henrik T				25
26206644	Laparoscopic-Assisted Transversus Abdominis Plane Block for Postoperative Pain Control in Laparoscopic Ventral Hernia Repair: A Randomized Controlled Trial.	2015	Journal Of The American College Of Surgeons	Fields, Adam C; Gonzalez, Dani O; Chin, Edward H; Nguyen, Scott Q; Zhang, Linda P; Divino, Celia M		Y		Not found on Microsoft Academic
26205183	Parental Report of Morphine Use at Home after Pediatric Surgery.	2015	The Journal Of Pediatrics	Abou-Karam, Myrna; Dube, Sandrine; Kvann, Helena Soriya; Mollica, Corina; Racine, Dariane; Bussieres, Jean-Francois; Lebel, Denis; Nguyen, Christina; Thibault, Maxime				9
26200182	A Perioperative Course of Gabapentin Does Not Produce a Clinically Meaningful Improvement in Analgesia after Cesarean Delivery: A Randomized Controlled Trial.	2015	Anesthesiology	Monks, David T; Hoppe, David W; Downey, Kristi; Shah, Vibhuti; Bernstein, Paul; Carvalho, Jose C A				17
26194510	Russia's war on drugs leaves patients without pain relief.	2015	Lancet (London, England)	Clark, Fiona		Y		2
26192579	ACP Journal Club. Use of long-acting, vs short-acting, opioids for chronic pain was linked to unintentional overdose.	2015	Annals Of Internal Medicine	Holbrook, Anne		Y		Not found on Microsoft Academic
26192578	ACP Journal Club. Review: Acetaminophen reduces pain in hip or knee osteoarthritis by a small amount, but not low back pain.	2015	Annals Of Internal Medicine	Chou, Roger		Y		Not found on Microsoft Academic
26192568	Long-Term Opioid Therapy for Chronic Pain. In Response.	2015	Annals Of Internal Medicine	Chou, Roger		Y		0
26192567	Long-Term Opioid Therapy for Chronic Pain.	2015	Annals Of Internal Medicine	Retan, J Walden		Y		0
26192566	Long-Term Opioid Therapy for Chronic Pain.	2015	Annals Of Internal Medicine	Lubrano, Michael; Wanderer, Jonathan P; Ehrenfeld, Jesse M		Y		0
26186473	Nurses' Role in Preventing Prescription Opioid Diversion.	2015	The American Journal Of Nursing	Manworren, Renee C B; Gilson, Aaron M		Y		6
26173686	Completion pancreatectomy and islet cell autotransplantation as salvage therapy for patients failing previous operative interventions for chronic pancreatitis.	2015	Surgery	Wilson, Gregory C; Sutton, Jeffrey M; Smith, Milton T; Schmulewitz, Nathan; Salehi, Marzieh; Choe, Kyuran A; Levinsky, Nick C Jr; Brunner, John E; Abbott, Daniel E; Sussman, Jeffrey J; Edwards, Michael J; Ahmad, Syed A		Y		8

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26169942	Elevated mutant dynorphin A causes Purkinje cell loss and motor dysfunction in spinocerebellar ataxia type 23.	2015	Brain : A Journal Of Neurology	Smeets, Cleo J L M; Jeziarska, Justyna; Watanabe, Hiroyuki; Duarn, Anna; Fokkens, Michiel R; Meijer, Michiel; Zhou, Qin; Yakovleva, Tania; Boddeke, Erik; den Dunnen, Wilfred; van Deursen, Jan; Bakalkin, Georgy; Kampinga, Harm H; van de Sluis, Bart; Verbeek, Dineke S					16
26169929	The Prescription Opioid Epidemic: Social Media Responses to the Residents' Perspective Article.	2016	Annals Of Emergency Medicine	Choo, Esther K; Mazer-Amirshahi, Maryann; Juurlink, David; Kobner, Scott; Scott, Kevin; Lin, Michelle			Y		2
26154700	Periprosthetic Anesthetic for Postoperative Pain After Laparoscopic Ventral Hernia Repair: A Randomized Clinical Trial.	2015	JAMA Surgery	Gough, Aimee E; Chang, Steven; Reddy, Subhash; Ferrigno, Lisa; Zerey, Marc; Grotts, Jonathan; Yim, Samantha; Thoman, David S					5
26154185	Ability of the nociception level, a multiparameter composite of autonomic signals, to detect noxious stimuli during propofol-remifentanil anesthesia.	2015	Anesthesiology	Martini, Chris H; Boon, Martijn; Broens, Suzanne J L; Hekkelman, Evelien F; Oudhoff, Lisanne A; Buddeke, Anna Willemijn; Dahan, Albert					20
26141334	Opioid Analgesics.	2015	Mayo Clinic Proceedings	Jamison, Robert N; Mao, Jianren			Y	Not found on Microsoft Academic	
26138946	Opioids for chronic noncancer pain: To prescribe or not to prescribe-What is the question?	2015	Neurology	Nadeau, Stephen E					12
26138943	Comment: Prescription opioids-Misused or misunderstood?	2015	Neurology	Brust, John C M			Y		0
26109423	Oxycodone/naloxone preparation can cause acute withdrawal symptoms when misused parenterally or taken orally.	2015	Clinical Toxicology (Philadelphia, Pa.)	Wong, Anselm; Macleod, Dawson; Robinson, Jeff; Koutsogiannis, Zeff; Graudins, Andis; Greene, Shaun L			Y		7
26097987	Dexmedetomidine Does Not Affect Evoked Potentials During Spine Surgery.	2015	Anesthesia And Analgesia	Rozet, Irene; Metzner, Julia; Brown, Marcia; Treggiani, Miriam M; Slipt, Jefferson C; Kinney, Greg; Sharma, Deepak; Lee, Lori A; Vavilala, Monica S					10
26095580	Current concepts in management of pain in children in the emergency department.	2016	Lancet (London, England)	Krauss, Baruch S; Calligaris, Lorenzo; Green, Steven M; Barbi, Egidio			Y		30
26095558	A Double-Blinded Randomized Trial to Compare the Effectiveness of Minimally Invasive Procedures Using Patient-Reported Outcomes.	2015	Journal Of The American College Of Surgeons	Bingener, Julianne; Skaran, Pam; McConico, Andrea; Novotny, Paul; Wetstein, Peter; Sletten, David M; Park, Myung; Low, Philip; Sloan, Jeff			Y		11
26094763	PAin SoluTions In the Emergency Setting (PASTIES)-patient controlled analgesia versus routine care in emergency department patients with pain from traumatic injuries: randomised trial.	2015	BMJ (Clinical Research Ed.)	Smith, Jason E; Rockett, Mark; S; Siobhan Creanor, Squire, Rosalyn; Hayward, Chris; Ewings, Paul; Barton, Andy; Pritchard, Colin; Eyre, Victoria; Cocking, Laura; Benger, Jonathan					15
26094712	PAin SoluTions In the Emergency Setting (PASTIES)-patient controlled analgesia versus routine care in emergency department patients with non-traumatic abdominal pain: randomised trial.	2015	BMJ (Clinical Research Ed.)	Smith, Jason E; Rockett, Mark; Creanor, Siobhan; Squire, Rosalyn; Hayward, Chris; Ewings, Paul; Barton, Andy; Pritchard, Colin; Eyre, Victoria; Cocking, Laura; Benger, Jonathan					10
26091461	Effect of Intraoperative Dexmedetomidine Infusion on Postoperative Bowel Movements in Patients Undergoing Laparoscopic Gastrectomy: A Prospective, Randomized, Placebo-Controlled Study.	2015	Medicine	Cho, Jin Sun; Kim, Hyoung-Il; Lee, Ki-Young; An, Ji Yeong; Bai, Sun Joon; Cho, Ju Yeon; Yoo, Young Chul					5
26079801	Sufentanil Sublingual Tablet System for the Management of Postoperative Pain after Knee or Hip Arthroplasty: A Randomized, Placebo-controlled Study.	2015	Anesthesiology	Jove, Maurice; Griffin, David W; Minkowitz, Harold S; Ben-David, Bruce; Evashenk, Mark A; Palmer, Pamela P			Y		27
26079800	Discharge Readiness after Tricompartment Knee Arthroplasty: Adductor Canal versus Femoral Continuous Nerve Blocks-A Dual-center, Randomized Trial.	2015	Anesthesiology	Machi, Anthony T; Sztain, Jacklyn F; Kormylo, Nicholas J; Madison, Sarah J; Abramson, Wendy B; Monahan, Amanda M; Khatibi, Bahareh; Ball, Scott T; Gonzales, Francis B; Sessler, Daniel I; Mascha, Edward J; You, Jing; Nakamoto, Ken A; Ilfeld, Brian M					24
26074387	Efficacy of an Acute Pain Titration Protocol Driven by Patient Response to a Simple Query: Do You Want More Pain Medication?	2016	Annals Of Emergency Medicine	Chang, Andrew K; Bijur, Polly E; Holden, Lynne; Gallagher, E John			Y		9
26072354	Clinical pearls in neurology.	2015	Disease-A-Month : Dm	Watson, James C; Litin, Scott; Bundrick, John B			Y		0
26063215	Benzodiazepine prescribing patterns and deaths from drug overdose among US veterans receiving opioid analgesics: case-cohort study.	2015	BMJ (Clinical Research Ed.)	Park, Tae Woo; Saitz, Richard; Ganoczy, Dara; Ilgen, Mark A; Bohnert, Amy S B			Y		140
26061307	Epidural Analgesia With Bupivacaine and Fentanyl Versus Ropivacaine and Fentanyl for Pain Relief in Labor: A Meta-Analysis.	2015	Medicine	Guo, Shanbin; Li, Bo; Gao, Chengjie; Tian, Yue			Y		5
26046416	Tapering Long-term Opioid Therapy in Chronic Noncancer Pain: Evidence and Recommendations for Everyday Practice.	2015	Mayo Clinic Proceedings	Berna, Chantal; Kulich, Ronald J; Rathmell, James P			Y		55

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26044602	Comparison of the Effects of Topical Ketamine and Tramadol on Postoperative Pain After Mandibular Molar Extraction.	2015	Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Gonul, Onur; Satilimis, Tulin; Ciftci, Alanur; Sipahi, Aysegul; Garip, Hasan; Goker, Kamil		Y			6
26043235	The mu opioid receptor: A new target for cancer therapy?	2015	Cancer	Singleton, Patrick A; Moss, Jonathan; Karp, Daniel D; Atkins, Johnique T; Janku, Filip Franklin, Gary M		Y			18
26023699	Author response.	2015	Neurology	Xu, WeiChen; Daneshmand, Siamak; Bazargani, Soroush T; Cai, Jie; Miranda, Gus; Schuckman, Anne K; Djaladat, Hoeman		Y			Not found on Microsoft Academic
26021824	Postoperative Pain Management after Radical Cystectomy: Comparing Traditional versus Enhanced Recovery Protocol Pathway.	2015	The Journal Of Urology			Y			26
26020394	The role of laparoscopic surgery in the management of children and adolescents with inflammatory bowel disease.	2015	Medicine	Page, Anna E; Sashittal, Shikha G; Chatzizacharias, Nikolaos A; Davies, R Justin		Y			12
26011641	Mediation of opioid analgesia by a truncated 6-transmembrane GPCR.	2015	The Journal Of Clinical Investigation	Lu, Zhigang; Xu, Jin; Rossi, Grace C; Majumdar, Susrita; Pasternak, Gavril W; Pan, Ying-Xian		Y			24
26004922	Is Video-Assisted Thoracoscopic Surgery Adequate in Treatment of Pulmonary Hydatidosis?	2015	The Annals Of Thoracic Surgery	Alpay, Levent; Lacin, Tunc; Ocakcioglu, Ilhan; Evman, Serdar; Dogruyol, Talha; Vayvada, Mustafa; Baysungur, Volkan; Yalcinkaya, Irfan		Y			5
25995489	Patient-controlled epidural analgesia or multimodal pain regimen with periaricular injection after total hip arthroplasty: a randomized, double-blind, placebo-controlled study.	2015	The Journal Of Bone And Joint Surgery. American Volume	Jules-Elysee, Kathy M; Goon, Amanda K; Westrich, Geoffrey H; Padgett, Douglas E; Mayman, David J; Ranawat, Amar S; Ranawat, Chitrangan S; Lin, Yi; Kahn, Richard L; Bhagat, Devan D; Goytizolo, Enrique A; Ma, Yan; Reid, Shane C; Curren, Jodie; YaDeau, Jacques T		Y			24
25993390	Predictors of Delayed Postoperative Respiratory Depression Assessed from Naloxone Administration.	2015	Anesthesia And Analgesia	Weingarten, Toby N; Herasevich, Vitaly; McGlinch, Maria C; Beatty, Nicole C; Christensen, Erin D; Hannifan, Susan K; Koenig, Amy E; Klanke, Justin; Zhu, Xun; Gali, Bhargavi; Schroeder, Darrell R; Sprung, Juraj					26
25988634	Portable infrared pupillometry: a review.	2015	Anesthesia And Analgesia	Larson, Merlin D; Behrends, Matthias		Y			44
25988626	Sleep, pain, and breathing.	2015	Anesthesia And Analgesia	Hillman, David R		Y			1
25981836	Effect of dexmedetomidine on preventing agitation and delirium after microvascular free flap surgery: a randomized, double-blind, control study.	2015	Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Yang, Xudong; Li, Zhenzhen; Gao, Chunyan; Liu, Ruichang		Y			13
25978197	Sore throat.	2015	American Family Physician	Kenealy, Tim		Y			Not found on Microsoft Academic
25975601	Exposure to prescription opioid analgesics in utero and risk of neonatal abstinence syndrome: population based cohort study.	2015	BMJ (Clinical Research Ed.)	Desai, Rishi J; Huybrechts, Krista F; Hernandez-Diaz, Sonia; Mogun, Helen; Patorno, Elisabetta; Kallenbach, Karol; Kerzner, Leslie S; Bateman, Brian T		Y			56
25959188	Paracetamol and unwanted 5-hydroxytryptamine interactions.	2015	Anaesthesia	Kidd, L R; Milner, Q J		Y			0
25952503	Opioid Prescribing in a Cross Section of US Emergency Departments.	2015	Annals Of Emergency Medicine	Hoppe, Jason A; Nelson, Lewis S; Perrone, Jeanmarie; Weiner, Scott G					53
25941956	Extended-release hydrocodone (Hysingla ER) for pain.	2015	The Medical Letter On Drugs And Therapeutics			Y			Not found on Microsoft Academic
25938994	A startling injustice: pain, opioids, and addiction.	2015	Annals Of Internal Medicine	Gregg, Jessica		Y			5
25922280	Authors' reply to Adam and to Veal and Thompson.	2015	BMJ (Clinical Research Ed.)	Machado, Gustavo C; Maher, Chris G; Ferreira, Manuela L		Y			0
25922188	Paracetamol should remain the first line option for persistent pain.	2015	BMJ (Clinical Research Ed.)	Veal, Felicity C; Thompson, Angus J		Y			0
25920321	Danger of generalising findings on paracetamol for low back pain.	2015	BMJ (Clinical Research Ed.)	Adam, Rosalind		Y			0
25919732	Safety of deep sedation in young children with sickle cell disease: a retrospective cohort study.	2015	The Journal Of Pediatrics	Belmont, Ami P; Nossair, Fadi; Brambilla, Donald; Friedman, Marjorie; Boswinkel, Jan; Bradford, Andrea B; Kwiatkowski, Janet L		Y			0
25919263	Pulsed Electromagnetic Fields Reduce Postoperative Interleukin-1beta, Pain, and Inflammation: A Double-Blind, Placebo-Controlled Study in TRAM Flap Breast Reconstruction Patients.	2015	Plastic And Reconstructive Surgery	Rohde, Christine H; Taylor, Erin M; Alonso, Amanda; Ascherman, Jeffrey A; Hardy, Krista L; Pilla, Arthur A		Y			Not found on Microsoft Academic
25912739	Posterior Intercostal Nerve Block With Liposomal Bupivacaine: An Alternative to Thoracic Epidural Analgesia.	2015	The Annals Of Thoracic Surgery	Rice, David C; Cata, Juan P; Mena, Gabriel E; Rodriguez-Restrepo, Andrea; Correa, Ariene M; Mehran, Reza J		Y			39
25902839	Outcomes of an Alternating Ibuprofen and Acetaminophen Regimen for Pain Relief After Tonsillectomy in Children.	2015	The Annals Of Otolaryngology, Rhinology, And Laryngology	Liu, Christopher; Ulualp, Seckin O		Y			20
25902326	Transversus Abdominis Plane Block Versus Caudal Epidural for Lower Abdominal Surgery in Children: A Double-Blinded Randomized Controlled Trial.	2015	Anesthesia And Analgesia	Bryskin, Robert B; Londergan, Bevan; Wheatley, Rebekah; Heng, Renee; Lewis, Marjorie; Barraza, Mark; Mercer, Erica; Ye, Gang					13

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25890525	Re: Ice packs reduce postoperative midline incision pain and narcotic use: a randomized controlled trial.	2015	The Journal Of Urology	Babayan, Richard K			Y	0
25886701	Effect of paravertebral nerve blocks on narcotic use after mastectomy with reconstruction.	2015	American Journal Of Surgery	Glissmeyer, Carl; Johnson, William; Sherman, Bernard; Glissmeyer, Margaret; Garreau, Jennifer; Johnson, Nathalie	Y			5
25884747	Common questions about the diagnosis and management of fibromyalgia.	2015	American Family Physician	Kodner, Charles			Y	2
25869370	Prescription opioid epidemic and infant outcomes.	2015	Pediatrics	Patrick, Stephen W; Dudley, Judith; Martin, Peter R; Harrell, Frank E; Warren, Michael D; Hartmann, Katherine E; Ely, E Wesley; Grijalva, Carlos G; Cooper, William O				78
25866048	Tramadol and delirium.	2015	Anaesthesia	Rughooputh, N; Griffiths, R			Y	1
25865093	Patient Perspectives of Acute Pain Management in the Era of the Opioid Epidemic.	2015	Annals Of Emergency Medicine	Smith, Robert J; Rhodes, Karin; Paciotti, Breah; Kelly, Sheila; Perrone, Jeanmarie; Meisel, Zachary F	Y			18
25846999	Opioids for chronic noncancer pain: A position paper of the American Academy of Neurology.	2015	Neurology	Katz, Jeffrey A; Swerdlow, Marc A; Brass, Steven D; Argoff, Charles E; Markman, John; Backonja, Misha; Katz, Nathaniel	Y			Not found on Microsoft Academic
25844749	What ecologic analyses cannot tell us about medical marijuana legalization and opioid pain medication mortality—reply.	2015	JAMA Internal Medicine	Bachhuber, Marcus A; Saloner, Brendan; Barry, Colleen L			Y	0
25844747	What ecologic analyses cannot tell us about medical marijuana legalization and opioid pain medication mortality.	2015	JAMA Internal Medicine	Finney, John W; Humphreys, Keith; Harris, Alex H S			Y	11
25839918	Sensory abnormalities and masticatory function after microvascular decompression or balloon compression for trigeminal neuralgia compared with carbamazepine and healthy controls.	2015	Journal Of Neurosurgery	Ichida, Michelle Cristina; de Almeida, Antonio Nogueira; da Nobrega, Jose Claudio Marinho; Teixeira, Manoel Jacobsen; de Siqueira, Jose Tadeu Tesseroli; de Siqueira, Silvia R D T				1
25837528	Intraoperative Methadone for the Prevention of Postoperative Pain: A Randomized, Double-blinded Clinical Trial in Cardiac Surgical Patients.	2015	Anesthesiology	Murphy, Glenn S; Szokol, Joseph W; Avram, Michael J; Greenberg, Steven B; Marymont, Jesse H; Shear, Torin; Parikh, Kruti N; Patel, Shivani S; Gupta, Dhanesh K			Y	14
25836712	Neonatal medications.	2015	Pediatric Clinics Of North America	Ward, Robert M; Stiers, Justin; Buchi, Karen			Y	Not found on Microsoft Academic
25828857	Managing back pain and osteoarthritis without paracetamol.	2015	BMJ (Clinical Research Ed.)	Mallen, Christian; Hay, Elaine			Y	5
25828856	Efficacy and safety of paracetamol for spinal pain and osteoarthritis: systematic review and meta-analysis of randomised placebo controlled trials.	2015	BMJ (Clinical Research Ed.)	Machado, Gustavo C; Maher, Chris G; Ferreira, Paulo H; Pinheiro, Marina B; Lin, Chung-Wei Christine; Day, Richard O; McLachlan, Andrew J; Ferreira, Manuela L			Y	181
25822923	Will the Real Benefits of Single-Shot Interscalene Block Please Stand Up? A Systematic Review and Meta-Analysis.	2015	Anesthesia And Analgesia	Abdallah, Faraj W; Halpern, Stephen H; Aoyama, Kazuyoshi; Brull, Richard				35
25822037	The impact of chronic opioid use on colonoscopy outcomes.	2015	Digestive Diseases And Sciences	Nusrat, Salman; Mahmood, Sultan; Bitar, Hussein; Tierney, William M; Bielefeldt, Klaus; Madhoun, Mohammad F			Y	1
25817884	Intravenous Subdissociative-Dose Ketamine Versus Morphine for Analgesia in the Emergency Department: A Randomized Controlled Trial.	2015	Annals Of Emergency Medicine	Motov, Sergey; Rockoff, Bradley; Cohen, Victor; Pushkar, Illya; Likouratos, Antonios; McKay, Courtney; Soleyman-Zomalan, Emil; Homel, Peter; Terentiev, Victoria; Fromm, Christian				46
25815454	Comparison of Surgical Pleth Index-guided Analgesia with Conventional Analgesia Practices in Children: A Randomized Controlled Trial.	2015	Anesthesiology	Park, Ji Hye; Lim, Byung Gun; Kim, Heezoo; Lee, Il Ok; Kong, Myoung Hoon; Kim, Nan Suk				13
25811529	Morphine. Now.	2015	The American Journal Of Nursing	Vincent, Peggy			Y	Not found on Microsoft Academic
25806400	A Randomized Controlled Trial Comparing Two Multimodal Analgesic Techniques in Patients Predicted to Have Severe Pain After Cesarean Delivery.	2016	Anesthesia And Analgesia	Booth, Jessica L; Harris, Lynnette C; Eisenach, James C; Pan, Peter H		Y		10
25790204	Sum of the parts.	2015	Anesthesia And Analgesia	Candidotti, Keith			Y	0
25782644	Analgesic effect of perioperative escitalopram in high pain catastrophizing patients after total knee arthroplasty: a randomized, double-blind, placebo-controlled trial.	2015	Anesthesiology	Lunn, Troels H; Frokjaer, Vibe G; Hansen, Torben B; Kristensen, Per W; Lind, Thomas; Kehlet, Henrik				17
25777363	Cannabis in cancer care.	2015	Clinical Pharmacology And Therapeutics	Abrams, D I; Guzman, M			Y	39
25768861	Opioid Half-lives and Hemlines: The Long and Short of Fashion.	2015	Anesthesiology	Kharasch, Evan D			Y	4
25768860	Fibromyalgia survey criteria are associated with increased postoperative opioid consumption in women undergoing hysterectomy.	2015	Anesthesiology	Janda, Allison M; As-Sanie, Sawsan; Rajala, Baskar; Tsodikov, Alex; Moser, Stephanie E; Clauw, Daniel J; Brummett, Chad M				51
25764376	Randomized clinical trial of laparoscopic colectomy with or without natural-orifice specimen extraction.	2015	The British Journal Of Surgery	Wolthuis, A M; Fieuws, S; Van Den Bosch, A; de Buck van Overstraeten, A; D'Hoore, A			Y	23
25756450	Preventing prescription opioid abuse.	2015	JAMA	Ballantyne, Jane C; Kolodny, Andrew			Y	2
25756412	Volatile-based short-term sedation in cardiac surgical patients: a prospective randomized controlled trial.	2015	Critical Care Medicine	Jerath, Angela; Beattie, Scott W; Chandy, Tony; Karski, Jacek; Djaiani, George; Rao, Vivek; Yau, Terrence; Wasowicz, Marcin			Y	17
25751235	Personalized pain medicine: pipe dream or reality?	2015	Anesthesiology	Bruehl, Stephen			Y	4

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25749404	Choosing Analgesics Wisely: What We Know (and Still Need to Know) About Long-Term Consequences of Opioids.	2015	Annals Of Emergency Medicine	Perrone, Jeanmarie; Nelson, Lewis S; Yealy, Donald M		Y		6
25740026	Pain control after simultaneous bilateral total knee arthroplasty: a randomized controlled trial comparing periarticular injection and epidural analgesia.	2015	The Journal Of Bone And Joint Surgery. American Volume	Tsukada, Sachiyuki; Wakui, Motohiro; Hoshino, Akiho		Y		22
25730688	Don't forget palliative patients—reply.	2015	JAMA Pediatrics	Schechter, Neil L		Y		0
25730687	Don't forget palliative patients.	2015	JAMA Pediatrics	Frader, Joel; Derrington, Sabrina; Morgan, Elaine				0
25714244	Transversus Abdominis Plane Block Reduces Morphine Consumption in the Early Postoperative Period following Microsurgical Abdominal Tissue Breast Reconstruction: A Double-Blind, Placebo-Controlled, Randomized Trial.	2015	Plastic And Reconstructive Surgery	Wheble, George A C; Tan, Eric K H; Turner, Matthew; Durrant, Charles A T; Heppell, Simon		Y		0
25714242	Reply: Transversus Abdominis Plane Block Reduces Morphine Consumption in the Early Postoperative Period following Microsurgical Abdominal Tissue Breast Reconstruction: A Double-Blind, Placebo-Controlled, Randomized Trial.	2015	Plastic And Reconstructive Surgery	Zhong, Toni; Novak, Christine B; Hofer, Stefan O P		Y	Not found on Microsoft Academic	
25713015	Patient controlled analgesia with remifentanil versus epidural analgesia in labour: randomised multicentre equivalence trial.	2015	BMJ (Clinical Research Ed.)	Freeman, Liv M; Bloemenkamp, Kitty W; Franssen, Maureen T; Papapontis, Dimitri N; Hajenius, Petra J; Hollmann, Markus W; Woiski, Mallory D; Porath, Martina; van den Berg, Hans J; van Beek, Erik; Borchert, Odette W H M; Schuttemaker, Nico; Sikkelma, J Marko; Kuipers, A H M; Logtenberg, Sabine L M; van der Salm, Paulien C M; Oude Rengerink, Katrien; Lopriore, Enrico; van den Akker-van Marie, M Elske; le Cessie, Saskia; van Lith, Jan M; Struyve, Michel M; Mol, Ben Wilem J; Dahan, Albert; Middeldorp, Johanna M				32
25710343	Case 215: voriconazole-induced periostitis.	2015	Radiology	Tailor, Tina D; Richardson, Michael L		Y		10
25700906	Outcomes data in pain studies: in reply to Barbul and colleagues.	2015	Journal Of The American College Of Surgeons	Master, Viraj A; Watkins, Ammara A; Johnson, Timothy V; Shrewsbury, Adam B; Nourparvar, Paymon; Madni, Tarik; Watkins, Colyn J; Feingold, Paul L; Kooby, David A; Maithei, Shishir K; Staley, Charles A		Y		0
25700904	Need for outcomes data in pain studies.	2015	Journal Of The American College Of Surgeons	Barbul, Adrian; Hopf, Harriet W; Sherman, Jodi; Hunt, Thomas K		Y		0
25700587	Pain management in the elderly.	2015	The Medical Clinics Of North America	Malec, Monica; Shega, Joseph W		Y		32
25695583	Intrathecral RGS4 inhibitor, CCG50014, reduces nociceptive responses and enhances opioid-mediated analgesic effects in the mouse formalin test.	2015	Anesthesia And Analgesia	Yoon, Seo-Yeon; Woo, Jiwan; Park, Joon-Oh; Choi, Eui-Ju; Shin, Hee-Sup; Roh, Dae-Hyun; Kim, Key-Sun				11
25686208	Prescription opioid duration of action and the risk of unintentional overdose among patients receiving opioid therapy.	2015	JAMA Internal Medicine	Miller, Matthew; Barber, Catherine W; Leatherman, Sarah; Fonda, Jennifer; Hermos, John A; Cho, Kelly; Gagnon, David R	Y			82
25686195	ACP Journal Club: review: in knee and hip OA, opioids reduce pain and improve function but increase adverse events.	2015	Annals Of Internal Medicine	March, Lyn		Y	Not found on Microsoft Academic	
25686028	Mitigating the dangers of opioids.	2015	JAMA Internal Medicine	Katz, Mitchell H		Y		2
25682833	The effects of dexametomidine on postoperative pain.	2015	Anaesthesia	Shorrocks, P; Heaton, T; Cochrane, N; Jackson, M; Lund, K; Plummer, N	Y			1
25674732	Stability of butorphanol-tropisetron mixtures in 0.9% sodium chloride injection for patient-controlled analgesia use.	2015	Medicine	Chen, Fu-Chao; Shi, Xiao-Ya; Li, Peng; Yang, Jin-Guo; Zhou, Ben-Hong				3
25670515	Pharmacogenetics of opioid response.	2015	Clinical Pharmacology And Therapeutics	Somogyi, A A; Coller, J K; Barratt, D T		Y		17
25670511	Opioids for chronic noncancer pain: still no evidence for superiority of sustained-release opioids.	2015	Clinical Pharmacology And Therapeutics	Pedersen, L; Fredheim, Oms		Y		5
25667245	Timing of opioid administration as a quality indicator for pain crises in sickle cell disease.	2015	Pediatrics	Mathias, Melissa D; McCavit, Timothy L		Y		7
25659928	Herpes zoster infection and cardiac arrest.	2015	Heart & Lung : The Journal Of Critical Care	Wansa, Nader; Shaffu, Joseph; Khouri, Mounir; De Roy, Luc; Chouairi, Salah		Y		0
25647677	A case of respiratory depression in a child with ultrarapid CYP2D6 metabolism after tramadol.	2015	Pediatrics	Orliaguet, Gilles; Hamza, Jamil; Couloigner, Vincent; Denoyelle, Françoise; Loriot, Marie-Anne; Broly, Franck; Garabedian, Erea Noel		Y		43
25642661	Tramadol and its metabolite m1 selectively suppress transient receptor potential ankyrin 1 activity, but not transient receptor potential vanilloid 1 activity.	2015	Anesthesia And Analgesia	Miyano, Kanako; Minami, Kouichiro; Yokoyama, Toru; Ohbuchi, Katsuya; Yamaguchi, Takahiro; Murakami, Satoshi; Shiraiishi, Seiji; Yamamoto, Masahiro; Matoba, Motohiro; Uezono, Yasuhito				5
25633978	Cancer induced bone pain.	2015	BMJ (Clinical Research Ed.)	Kane, Christopher M; Hoskin, Peter; Bennett, Michael I		Y		31

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25626783	Comparison of postoperative pain control in autologous abdominal free flap versus implant-based breast reconstructions.	2015	Plastic And Reconstructive Surgery	Gassman, Andrew A; Yoon, Alfred P; Maxhimer, Justin B; Sanchez, Ivan; Sethi, Harleen; Cheng, Kevin W; Tseng, Charles Y; Festekjian, Jaco H; Da Lio, Andrew L; Crisera, Chris A		Y	Not found on Microsoft Academic	
25625267	A haunting abstract.	2015	Anesthesia And Analgesia	Durieux, Marcel E		Y	0	
25624387	Morphine or ibuprofen for post-tonsillectomy analgesia: a randomized trial.	2015	Pediatrics	Kelly, Lauren E; Sommer, Doron D; Ramakrishna, Jayant; Hoffbauer, Stephanie; Arbab-Tafti, Sadaf; Reid, Diane; Maclean, Jonathan; Koren, Gideon McCarthy, Michael			51	
25622845	Opioids are commonly prescribed to women of reproductive age despite birth defect risk, US CDC study shows.	2015	BMJ (Clinical Research Ed.)	Franklin, Gary; Sabel, Jennifer; Jones, Christopher M; Mai, Jaymie; Baumgartner, Chris; Banta-Green, Caleb J; Neven, Darin; Tauben, David J		Y	0	
25602880	A comprehensive approach to address the prescription opioid epidemic in Washington State: milestones and lessons learned.	2015	American Journal Of Public Health	Curley, Martha A Q; Wypij, David; Watson, R Scott; Grant, Mary Jo C; Asaro, Lisa A; Cheifetz, Ira M; Dodson, Brenda L; Franck, Linda S; Gedet, Rainer G; Angus, Derek C; Matthay, Michael A		Y	53	
25602358	Protocolized sedation vs usual care in pediatric patients mechanically ventilated for acute respiratory failure: a randomized clinical trial.	2015	JAMA	Borys, Douglas; Stanton, Matthew; Gummin, David; Drott, Tracy		Y	116	
25601980	Tapentadol toxicity in children.	2015	Pediatrics	Scherer, Jeffrey F; Salas, Joanne; Lustman, Patrick J; Burge, Sandra; Schneider, F David Azim, Syed; Nicholson, James; Rebecchi, Mario J; Galbavy, William; Feng, Tian; Reinsel, Ruth; Volkow, Nora D; Benveniste, Helene; Kaczocha, Martin		Y	7	
25599457	Change in opioid dose and change in depression in a longitudinal primary care patient cohort.	2015	Pain	Lange, Allison; Lasser, Karen E; Xuan, Ziming; Khalid, Laila; Beers, Donna; Heymann, Orlaith D; Shanahan, Christopher W; Crosson, Julie; Liebschutz, Jane M			26	
25599456	Endocannabinoids and acute pain after total knee arthroplasty.	2015	Pain	Basaria, Shehzad; Travison, Thomas G; Alford, Daniel; Knapp, Philip E; Teeter, Kjersten; Cahalan, Christine; Eder, Richard; Lakshman, Kishore; Bachman, Eric; Mensing, George; Martel, Marc O; Le, Dillon; Stroh, Helene; Basrin, Shalender; Wasan, Ajay D; Edwards, Robert R			12	
25599455	Variability in opioid prescription monitoring and evidence of aberrant medication taking behaviors in urban safety-net clinics.	2015	Pain	Narayana, Arvind; Katz, Nathaniel; Shillington, Alicia C; Stephenson, Judith J; Harshaw, Qing; Frye, Carla B; Portenoy, Russell K	Y		11	
25599449	Effects of testosterone replacement in men with opioid-induced androgen deficiency: a randomized controlled trial.	2015	Pain	Honsek, Silke D; Seal, Rebecca P; Sandkuhler, Jurgen			42	
25599446	National Breakthrough Pain Study: prevalence, characteristics, and associations with health outcomes.	2015	Pain	Campbell, Gabrielle; Nielsen, Suzanne; Bruno, Raimondo; Lintzeris, Nicholas; Cohen, Milton; Hall, Wayne; Larance, Briony; Mattick, Richard P; Degenhardt, Louisa		Y		16
25599445	Presynaptic inhibition of optogenetically identified VGlut3+ sensory fibres by opioids and baclofen.	2015	Pain	Ballantyne, Jane C			16	
25599444	The Pain and Opioids IN Treatment study: characteristics of a cohort using opioids to manage chronic non-cancer pain.	2015	Pain	Ray, Wayne A; Chung, Cecilia P; Murray, Katherine T; Cooper, William O; Hall, Kathi; Stein, C Michael Eisenach, James C; Tong, Chuanyao; Curry, Regina S			52	
25599329	Out-of-hospital mortality among patients receiving methadone for noncancer pain.	2015	JAMA Internal Medicine	Hoyer Karlseth, Anders Peder; Geisler, Anja; Petersen, Pernille Lykke; Mathiesen, Ole; Dahl, Jorgen B				35
25599304	Failure of intrathecal ketorolac to reduce remifentanil-induced postinfusion hyperalgesia in humans.	2015	Pain	Hendrickson, R G		Y	4	
25599296	Postoperative pain treatment after total hip arthroplasty: a systematic review.	2015	Pain	McMillin, Gwendolyn A; Marin, Stephanie J; Johnson-Davis, Kamisha L; Lawlor, Bryan G; Strathmann, Frederick G			33	
25597468	Painful and petechial rash after injecting black tar heroin.	2015	Clinical Toxicology (Philadelphia, Pa.)	Pollack, Charles V J; Viscusi, Eugene R		Y	0	
25596249	A hybrid approach to urine drug testing using high-resolution mass spectrometry and select immunoassays.	2015	American Journal Of Clinical Pathology	Reuben, David B; Alvarez, Anika A H; Ashikaga, Takamaru; Bogat, G Anne; Callahan, Christopher M; Ruffing, Victoria; Steffens, David C			19	
25585648	Improving acute pain management in emergency medicine.	2015	Hospital Practice (1995)	Chou, Roger; Turner, Judith A; Devine, Emily B; Hansen, Ryan N; Sullivan, Sean D; Blazina, Ian; Dana, Tracy; Bougatsos, Christina; Deyo, Richard A			1	
25581341	National Institutes of Health Pathways to Prevention Workshop: the role of opioids in the treatment of chronic pain.	2015	Annals Of Internal Medicine	Reuben, David B; Alvarez, Anika A H; Ashikaga, Takamaru; Bogat, G Anne; Callahan, Christopher M; Ruffing, Victoria; Steffens, David C		Y	63	
25581257	The effectiveness and risks of long-term opioid therapy for chronic pain: a systematic review for a National Institutes of Health Pathways to Prevention Workshop.	2015	Annals Of Internal Medicine	Confidential		Y	406	

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		Year	Month						
25569654	Sedation and analgesia with fentanyl and etomidate for intrathecal injection in childhood leukemia patients.	2015		Medicine	Yang, Chun-Hui; Tian, Xin; Yin, Hai-Bin; Gao, Xiao-Hui; Li, Na				4
25569647	A new real-time method for detecting the effect of fentanyl using the preoperative pressure pain threshold and Narcotrend index: a randomized study in female surgery patients.	2015		Medicine	Duan, Guangyou; Guo, Shanna; Zhan, Huiming; Qi, Dongmei; Zhang, Yuhao; Zhang, Xianwei				4
25561513	Opioids for low back pain.	2015		BMJ (Clinical Research Ed.)	Deyo, Richard A; Von Korff, Michael; Duhrkoop, David				117
25560713	Comparative effectiveness of pharmacologic interventions for knee osteoarthritis: a systematic review and network meta-analysis.	2015		Annals Of Internal Medicine	Bannuru, Raveendhara R; Schmid, Christopher H; Kent, David M; Vaysbrod, Elizaveta E; Wong, John B; McAlindon, Timothy E	Y			208
25558983	A comparison of fentanyl with pethidine for pain relief during childbirth: a randomised controlled trial.	2015		BJOG : An International Journal Of Obstetrics And Gynaecology	Fleet, J; Belan, I; Jones, M J; Ullah, S; Cyna, A M				11
25556020	Pediatric chronic pancreatitis is associated with genetic risk factors and substantial disease burden.	2015		The Journal Of Pediatrics	Schwarzenberg, Sarah Jane; Bellin, Melena; Husain, Sohail Z; Ahuja, Monika; Barth, Bradley; Davis, Heather; Dune, Peter R; Fishman, Douglas S; Freedman, Steven D; Gariepy, Cheryl E; Giefer, Matthew J; Gonska, Tanja; Heyman, Melvin B; Himes, Ryan; Kumar, Soma; Morinville, Veronique D; Lowe, Mark E; Nuehning, Neil E; Ooi, Chee Y; Pohl, John F; Troendle, David; Werlin, Steven L; Wilschanski, Michael; Yen, Elizabeth; Uc, Aliye	Y			52
25539811	Chronic morphine-induced microRNA-124 promotes microglial immunosuppression by modulating P65 and TRAF6.	2015		Journal Of Immunology (Baltimore, Md. : 1950)	Qiu, Shuwei; Feng, Yimin; LeSage, Gene; Zhang, Ying; Stuart, Charles; He, Lei; Li, Yi; Caudle, Yi; Peng, Ying; Yin, Deling				27
25539797	Chronic noncancer pain management in primary care: family medicine physicians' risk assessment of opioid misuse.	2015		Postgraduate Medicine	Kavukcu, Ethem; Akdeniz, Melahat; Avci, Hasan Huseyin; Altug, Mehmet; Oner, Mehmet		Y		7
25536092	Postoperative opioid-induced respiratory depression: a closed claims analysis.	2015		Anesthesiology	Lee, Lorri A; Caplan, Robert A; Stephens, Linda S; Posner, Karen L; Terman, Gregory W; Voepel-Lewis, Terri; Domino, Karen B				124
25534654	Association of emergency department opioid initiation with recurrent opioid use.	2015		Annals Of Emergency Medicine	Hoppe, Jason A; Kim, Howard; Heard, Kennon				47
25534330	Management of pain in autosomal dominant polycystic kidney disease and anatomy of renal innervation.	2015		The Journal Of Urology	Tellman, Matthew W; Bahler, Clinton D; Shumate, Ashley M; Bacallao, Robert L; Sundaram, Chandru P				12
25532715	COMT gene haplotypes are closely associated with postoperative fentanyl dose in patients.	2015		Anesthesia And Analgesia	Zhang, Fan; Tong, Jianbin; Hu, Jie; Zhang, Hao; Ouyang, Wen; Huang, Dong; Tang, Qliping; Liao, Qin				14
25526395	Spontaneous pain-like behaviors are more sensitive to morphine and buprenorphine than mechanically evoked behaviors in a rat model of acute postoperative pain.	2015		Anesthesia And Analgesia	Kabadi, Rajiv; Kouya, Francois; Cohen, Hillel W; Banik, Ratan K	Y			5
25526233	Eight principles for safer opioid prescribing and cautions with benzodiazepines.	2015		Postgraduate Medicine	Webster, Lynn R; Reisfield, Gary M; Dasgupta, Nabaranu		Y		4
25526232	Safety of a novel formulation of ibuprofen sodium compared with standard ibuprofen and placebo.	2015		Postgraduate Medicine	Jayawardena, Shyamalie; Leyva, Rina; Kellstein, David				2
25526230	Hormone abnormalities in patients with severe and chronic pain who fail standard treatments.	2015		Postgraduate Medicine	Tennant, Forest	Y			11
25526229	Buprenorphine transdermal system compared with placebo reduces interference in functioning for chronic low back pain.	2015		Postgraduate Medicine	Yarlas, Aaron; Miller, Kate; Wen, Warren; Lynch, Shau Yu; Munera, Catherine; Pergolizzi, Joseph V Jr; Raffa, Robert; Ripa, Steven R	Y			3
25526227	Efficacy and safety of once-daily, extended-release hydrocodone in individuals previously receiving hydrocodone/acetaminophen combination therapy for chronic pain.	2015		Postgraduate Medicine	Bartoli, Adrian; Michna, Edward; He, Ellie; Wen, Warren		Y		6
25517197	Anesthesia for cesarean delivery in the Czech Republic: a 2011 national survey.	2015		Anesthesia And Analgesia	Stourac, Petr; Blaha, Jan; Klozova, Radka; Noskova, Pavlina; Seidlova, Dagmar; Brozova, Lucie; Jarkovsky, Jiri				8
25512959	How safe is paracetamol?	2015		Archives Of Disease In Childhood	Star, Kristina; Choonara, Imti			Y	4
25503438	Medical marijuana for cancer.	2015		CA: A Cancer Journal For Clinicians	Kramer, Joan L			Y	33
25502065	Phase 1 safety assessment of intrathecal oxytocin.	2015		Anesthesiology	Eisenach, James C; Tong, Chuanyao; Curry, Regina				10
25501899	Spinal peroxynitrite contributes to remifentanil-induced postoperative hyperalgesia via enhancement of divalent metal transporter 1 without iron-responsive element-mediated iron accumulation in rats.	2015		Anesthesiology	Shu, Rui-Chen; Zhang, Lin-Lin; Wang, Chun-Yan; Li, Nan; Wang, Hai-Yun; Xie, Ke-Liang; Yu, Yong-Hao; Wang, Guo-Lin				13
25498167	Quality improvement process in a sickle cell infusion center.	2015		The American Journal Of Medicine	Whiteman, Lauren N; Lanzkron, Sophie; Stewart, Rosaly W; Haywood, Carlton Jr; Strouse, John J; Feldman, Leonard	Y			5
25491015	Tramadol - the Marmite() drug.	2015		Anaesthesia	Gibbison, B; Bailey, C R; Klein, A A			Y	6

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25490944	The effect of ondansetron on the efficacy of postoperative tramadol: a systematic review and meta-analysis of a drug interaction.	2015	Anaesthesia	Stevens, A J; Woodman, R J; Owen, H	Y				14
25488309	A prospective randomized controlled trial of two different sedation sequences for third molar removal in adults.	2015	Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Khadar, Ruba; Oreadi, Daniel; Finkelman, Matthew; Jarmoc, Marcin; Chaudhary, Sanjeet; Schumann, Roman; Rosenberg, Morton			Y		2
25486516	Tramadol and hypoglycemia: one more thing to worry about.	2015	JAMA Internal Medicine	Nelson, Lewis S; Juurlink, David N			Y		3
25485914	Interventional modalities to treat cancer-related pain.	2014	Hospital Practice (1995)	Moeschler, Susan M; Rosenberg, Casandra; Trainor, Drew; Rho, Richard H; Mauck, W David			Y		3
25485913	Hormone testing and treatment enters pain care.	2014	Hospital Practice (1995)	Tennant, Forest	Y				0
25485799	Tramadol use and the risk of hospitalization for hypoglycemia in patients with noncancer pain.	2015	JAMA Internal Medicine	Fournier, Jean-Pascal; Azoulay, Laurent; Yin, Hui; Montastruc, Jean-Louis; Suissa, Samy					31
25485468	Acute and perioperative care of the burn-injured patient.	2015	Anesthesiology	Bittner, Edward A; Shank, Erik; Woodson, Lee; Martyn, J A Jeevendra					32
25462822	A constrained heart: a case of sudden onset unrelenting chest pain.	2014	Circulation	Wilson, Sean R; Kronzon, Itzhak; Machnicki, Stephen C; Ruiz, Carlos E					3
25460534	Tramadol for noncancer pain and the risk of hyponatremia.	2015	The American Journal Of Medicine	Fournier, Jean-Pascal; Yin, Hui; Nessim, Sharon J; Montastruc, Jean-Louis; Azoulay, Laurent					6
25460532	Narcotic-induced pain.	2015	The American Journal Of Medicine	Thapa, Sudeep Dhoj; Schairer, Jason			Y		0
25456962	Fibromyalgia symptoms and medication requirements respond to parathyroideectomy.	2014	Surgery	Adkisson, Cameron D; Yip, Linwah; Armstrong, Michaelie J; Stang, Michael T; Carty, Sally E; McCoy, Kelly L			Y		4
25454570	Opioid pharmacokinetics depends on lipid solubility.	2014	Annals Of Emergency Medicine	Schwartz, Arthur E			Y		0
25451363	A 44-year-old woman with excessive sleepiness. Opioid-induced central sleep apnea.	2014	Chest	Tovar-Torres, Maria Paula; Bodkin, Cynthia; Siquia, Ninotchka L			Y		Not found on Microsoft Academic
25447557	The PICHFORK (Pain in Children Fentanyl or Ketamine) trial: a randomized controlled trial comparing intranasal ketamine and fentanyl for the relief of moderate to severe pain in children with limb injuries.	2015	Annals Of Emergency Medicine	Graudins, Andis; Meek, Robert; Egerton-Warburton, Dianna; Oakley, Ed; Seith, Robert					35
25444489	30-year-old man with chest pain and nausea.	2014	Mayo Clinic Proceedings	Kupsky, Daniel F; Tweet, Marysia S; Anavekar, Nandan S			Y		0
25438272	Are muscle relaxants needed for nasal intubation in propofol and remifentanil anesthesia?	2014	Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Ide, Masatoshi; Sunada, Katsuhsisa; Katsuyama, Naohiko			Y		1
25437498	Review of the performance of quantitative sensory testing methods to detect hyperalgesia in chronic pain patients on long-term opioids.	2015	Anesthesiology	Katz, Nathaniel P; Paillard, Florence C; Edwards, Robert R	Y				13
25427288	Bilateral Paravertebral Blockade (T7-10) Versus Incisional Local Anesthetic Administration for Pediatric Laparoscopic Cholecystectomy: A Prospective, Randomized Clinical Study.	2015	Anesthesia And Analgesia	Visoiu, Mihaela; Cassara, Antonio; Yang, Charles Inshik			Y		7
25423961	Intraoperative Use of QuikClot During Adenotonsillectomy: A Prospective Pediatric Trial.	2015	The Annals Of Otology, Rhinology, And Laryngology	Derkay, Craig S; Baydoun, Hind A; Stone, Laura					2
25421650	Awareness in cardiothoracic anaesthetic practice - where now after NAPS?	2015	Anaesthesia	Smith, D; Goddard, N G		Y			2
25416635	Russian doctor is acquitted of drug trafficking charges for providing opioid to a dying man.	2014	BMJ (Clinical Research Ed.)	Torjesen, Ingrid			Y		0
25416312	Medical cannabis: US researchers battle for access to the plant.	2014	BMJ (Clinical Research Ed.)	Frisch, Suzy			Y		1
25415274	Refining the anesthesia management of the face-lift patient: lessons learned from 1089 consecutive face lifts.	2015	Plastic And Reconstructive Surgery	Ramanadham, Smita R; Costa, Christopher R; Narasimhan, Kailash; Coleman, Jayne E; Rohrich, Rod J			Y		4
25414036	Endogenous adenosine A3 receptor activation selectively alleviates persistent pain states.	2015	Brain : A Journal Of Neurology	Little, Joshua W; Ford, Amanda; Symons-Liguori, Ashley M; Chen, Zhoumou; Janes, Kali; Doyle, Timothy; Xie, Jennifer; Luongo, Livio; Tosh, Dilip K; Maione, Sabatino; Bannister, Kirsty; Dickenson, Anthony H; Vanderah, Todd W; Porreca, Frank; Jacobson, Kenneth A; Salvenmaki, Daniela					49
25405299	Is less than 50% more narcotics really noninferior?	2014	Anesthesiology	Ziemann-Gimmel, Patrick			Y		2
25405293	Opioid abuse and dependence during pregnancy: temporal trends and obstetrical outcomes.	2014	Anesthesiology	Maeda, Ayumi; Bateman, Brian T; Clancy, Caitlin R; Creanga, Andreea A; Leffert, Lisa R			Y		54
25401419	Disruption of cortical connectivity during remifentanil administration is associated with cognitive impairment but not with analgesia.	2015	Anesthesiology	Khodayari-Rostamabad, Ahmad; Olesen, Soren S; Graversen, Carina; Malver, Lasse P; Kurita, Geana P; Sjogren, Per; Christrup, Lone L; Drewees, Asbjorn M					13
25387221	Risks and responsibilities in prescribing opioids for chronic noncancer pain, part 2: best practices.	2014	Postgraduate Medicine	Cone, Edward J; DePriest, Anne Z; Gordon, Allan; Passik, Steven D		Y			3

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25383568	Role of spinal CXCL1 (GROalpha) in opioid tolerance: a human-to-rodent translational study.	2015		Anesthesiology	Lin, Chih-Peng; Kang, Kai-Hsiang; Lin, Tzu-Hung; Wu, Ming-Yueh; Liou, Houng-Chi; Chuang, Woei-Jer; Sun, Wei-Zen; Fu, Wen-Mei				Not found on Microsoft Academic
25381329	Acute pediatric musculoskeletal pain management in North America: a practice variation survey.	2014		Clinical Pediatrics	Kircher, Janeva; Drendel, Amy L; Newton, Amanda S; Plint, Amy C; Vandermeer, Ben; Dulai, Sukhdeep; Ali, Samina				6
25373391	Effect of minocycline on lumbar radicular neuropathic pain: a randomized, placebo-controlled, double-blind clinical trial with amitriptyline as a comparator.	2015		Anesthesiology	Vanelbergen, Pascal; Van Zundert, Jan; Kozicic, Tamas; Puylaert, Martine; De Vooght, Pieter; Mestrum, Roel; Heylen, Rene; Roubos, Eric; Vissers, Kris	Y			21
25366415	Ibuprofen as effective as morphine for fracture pain in children, study shows.	2014		BMJ (Clinical Research Ed.)	Parish, Emma		Y		0
25364885	Pharmacologic interventions for painful diabetic neuropathy: An umbrella systematic review and comparative effectiveness network meta-analysis.	2014		Annals Of Internal Medicine	Griebeler, Marcio L; Morey-Vargas, Oscar L; Brito, Juan P; Tsapas, Apostolos; Wang, Zhen; Carranza Leon, Barbara G; Phung, Olivia J; Montori, Victor M; Murad, M Hassan				48
25357147	Spontaneous resolution of quadrilateral space syndrome: a case report.	2015		American Journal Of Physical Medicine & Rehabilitation	Gregory, Thomas; Sangha, Harpreet; Bleakney, Robert		Y		2
25349008	Oral administration of morphine versus ibuprofen to manage postfracture pain in children: a randomized trial.	2014		CMAJ : Canadian Medical Association Journal (Journal De L'Association Medcale Canadienne)	Poonai, Naveen; Bhullar, Gina; Lin, Kangrui; Papini, Adam; Mainprize, David; Howard, Jocelyn; Teefy, John; Bale, Michelle; Langford, Cindy; Lim, Rodrick; Stitt, Larry; Rieder, Michael J; Ali, Samina				28
25348444	A comparison of intramuscular diamorphine and intramuscular pethidine for labour analgesia: a two-centre randomised blinded controlled trial.	2014		BJOG : An International Journal Of Obstetrics And Gynaecology	Montgomery, A; Whittaker, V; Banerjee, S		Y		11
25348443	Authors' reply: A comparison of intramuscular diamorphine and intramuscular pethidine for labour analgesia: a two-centre randomised blinded controlled trial.	2014		BJOG : An International Journal Of Obstetrics And Gynaecology	Wee, M Y K; Tuckey, J P; Thomas, P W; Burnard, S		Y		Not found on Microsoft Academic
25347623	Transversus abdominis plane block reduces morphine consumption in the early postoperative period following microsurgical abdominal tissue breast reconstruction: a double-blind, placebo-controlled, randomized trial.	2014		Plastic And Reconstructive Surgery	Zhong, Toni; Ojha, M; Bagher, Shaghayegh; Butler, Kate; Srinivas, Colmbatore; McCluskey, Stuart A; Clarke, Hance; O'Neill, Anne C; Novak, Christine B; Hofer, Stefan O P				Not found on Microsoft Academic
25345435	In vitro release of fentanyl from transdermal patches in gastric and intestinal fluid.	2014		Clinical Toxicology (Philadelphia, Pa.)	Arroyo Plasencia, A M; Mowry, J; Smith, J; Quigley, K	Y			3
25338127	AMPKines have novel analgesic properties in rat models of persistent neuropathic and inflammatory pain.	2014		Anesthesiology	Le, Alexander M; Lee, Michelle; Su, Chen; Zou, Anthony; Wang, Jing	Y			13
25325754	Supervising anesthesiologists cannot be effectively compared according to their patients' postanesthesia care unit admission pain scores.	2015		Anesthesia And Analgesia	Wanderer, Jonathan P; Shi, Yaping; Schildcrout, Jonathan S; Ehrenfeld, Jesse M; Epstein, Richard H				12
25317939	Doubts about treating hypogonadism due to long-term opioid use with testosterone therapy: a teachable moment.	2014		JAMA Internal Medicine	Murphy, Edward N; Miranda, Richard		Y		2
25317872	Clinical practice. Posttherapeutic neuralgia.	2014		The New England Journal Of Medicine	Johnson, Robert W; Rice, Andrew S C		Y		104
25313880	5-HT1A receptor agonist Befiradol reduces fentanyl-induced respiratory depression, analgesia, and sedation in rats.	2015		Anesthesiology	Ren, Jun; Ding, Xiuqing; Greer, John J				9
25308408	Evaluation of the advantageous anesthetic properties of dexametomidine used as hypotensive agent compared with nitroglycerin in orthognathic surgery.	2014		Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Rummasaik, Duangdee; Apinan, Benjamas		Y		2
25296260	Rescheduling of hydrocodone combination products.	2014		The Medical Letter On Drugs And Therapeutics			Y		Not found on Microsoft Academic
25296247	Nicardipine is superior to esmolol for the management of postcraniotomy emergence hypertension: a randomized open-label study.	2015		Anesthesia And Analgesia	Bebawy, John F; Houston, Christopher C; Kosky, Jenna L; Badri, Ahmed M; Hemmer, Laura B; Moreland, Natalie C; Carabini, Louanne M; Koht, Antoun; Gupta, Dhaneesh K				6
25295660	Prescribing opioids for chronic noncancer pain in primary care: risk assessment.	2014		Postgraduate Medicine	Gordon, Allan; Cone, Edward J; DePriest, Anne Z; Axford-Gatley, Robert A; Passik, Steven D	Y			4
25285518	In-hospital delirium while awaiting temporal artery biopsy: a teachable moment.	2014		JAMA Internal Medicine	Hamilton, Katherine T; Lee, Benjamin J	Y			0
25280309	Re: hypogonadism in men with chronic pain linked to the use of long-acting rather than short-acting opioids.	2014		The Journal Of Urology	Seftel, Allen D		Y		0
25267983	Opioids for chronic noncancer pain: a position paper of the American Academy of Neurology.	2014		Neurology	Franklin, Gary M		Y		166
25267335	A randomised controlled trial of ultrasound-guided blockade of the saphenous nerve and the posterior branch of the obturator nerve for postoperative analgesia after day-case knee arthroscopy.	2014		Anaesthesia	Westergaard, B; Jensen, K; Lenz, K; Bendtsen, T F; Vazin, M; Tanggaard, K; Worm, B S; Krogsbaard, M; Borglum, J		Y		8
25264596	Distraction analgesia in chronic pain patients: the impact of catastrophizing.	2014		Anesthesiology	Schreiber, Kristin L; Campbell, Claudia; Martel, Marc O; Greenbaum, Seth; Wasan, Ajay D; Borsook, David; Jamison, Robert N; Edwards, Robert R	Y			18

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25254902	A randomized control trial of bupivacaine and fentanyl versus fentanyl-only for epidural analgesia during the second stage of labor.	2015	Anesthesiology	Craig, Margaret G; Grant, Erica N; Tao, Wei; McIntire, Donald D; Leveno, Kenneth J					6
25250928	Authors' reply: Continuous infusion of local anaesthetic following laparoscopic hysterectomy: a randomised controlled trial.	2014	BJOG : An International Journal Of Andrews, V; Wright, J T; Ballard, K Obstetrics And Gynaecology		Y				0
25250926	Continuous infusion of local anaesthetic following laparoscopic hysterectomy: a randomised controlled trial.	2014	BJOG : An International Journal Of Ismail, S Obstetrics And Gynaecology			Y			10
25234526	Pre-emptive analgesia with pregabalin and celecoxib decreases postsurgical pain following maxillomandibular advancement surgery: a randomized controlled clinical trial.	2014	Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Cillo, Joseph E Jr; Dattilo, David J			Y		15
25222831	Immediate rescue designs in pediatric analgesic trials: a systematic review and meta-analysis.	2015	Anesthesiology	Kossowsky, Joe; Donado, Carolina; Berde, Charles B					12
25222671	The latest pharmacologic ventilator.	2014	Anesthesiology	Cotten, Joseph F		Y			3
25216564	Comparison of narcotic prescribing habits and other methods of pain control by oral and maxillofacial surgeons in the United States and Canada.	2014	Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Pynn, Bruce R; Laskin, Daniel M			Y		2
25211712	Moving beyond misuse and diversion: the urgent need to consider the role of iatrogenic addiction in the current opioid epidemic.	2014	American Journal Of Public Health	Beauchamp, Gillian A; Winstanley, Erin L; Ryan, Shawn A; Lyons, Michael S			Y		33
25204248	Oral morphine is a prescription-only medicine.	2014	Anaesthesia	Whitehouse, K; Marr, R			Y		1
25204247	Paediatric codeine use after adenotonsillectomy.	2014	Anaesthesia	Tan, K W; Martin, S; Bell, G		Y			1
25203883	Long-term outcomes after total pancreatectomy and islet cell autotransplantation: is it a durable operation?	2014	Annals Of Surgery	Wilson, Gregory C; Sutton, Jeffrey M; Abbott, Daniel E; Smith, Milton T; Lowy, Andrew M; Matthews, Jeffrey B; Rilo, Horacio L R; Schmulewitz, Nathan; Salehi, Marzieh; Choe, Kyuran; Brunner, John; Hanseman, Dennis J; Sussman, Jeffrey J; Edwards, Michael J; Ahmad, Sved A			Y		45
25203083	Management of sickle cell disease: summary of the 2014 evidence-based report by expert panel members.	2014	JAMA	Yawn, Barbara P; Buchanan, George R; Afenyl-Annan, Araba N; Ballas, Samir K; Hassell, Kathryn L; James, Andra H; Jordan, Lanetta; Lanzkron, Sophie M; Lotenberg, Richard; Savage, William J; Tanabe, Paula J; Ware, Russell E; Murad, M Hassan; Goldsmith, Jonathan C; Ortiz, Eduardo; Fulwood, Robinson; Horton, Ann; John-Sowah, Joylene		Y			506
25202129	Pain assessment in children.	2014	Archives Of Disease In Childhood	Howard, Richard F; Liassi, Christina			Y		3
25200481	Pediatric pain management and opioids: the baby and the bathwater.	2014	JAMA Pediatrics	Schechter, Neil L			Y		10
25188001	Cannabinoid receptor type 1 antagonist, AM251, attenuates mechanical allodynia and thermal hyperalgesia after burn injury.	2014	Anesthesiology	Ueda, Masashi; Iwasaki, Hajime; Wang, Shuxing; Murata, Eri; Poon, K Y Trudy; Mao, Jianren; Martyn, J A Jeevendra		Y			12
25187581	Postoperative epidural analgesia compared with intraoperative periaricular injection for pain control following total knee arthroplasty under spinal anesthesia: a randomized controlled trial.	2014	The Journal Of Bone And Joint Surgery. American Volume	Tsukada, Sachiyuki; Wakui, Motohiro; Hoshino, Akiho			Y		Not found on Microsoft Academic
25187497	Pupillometry: a non-invasive technique for pain assessment in paediatric patients.	2014	Archives Of Disease In Childhood	Connelly, Mark A; Brown, Jacob T; Kearns, Gregory L; Anderson, Rawni A; St Peter, Shawn D; Neville, Kathleen A					17
25185591	Catechol-o-methyltransferase polymorphisms predict opioid consumption in postoperative pain.	2014	Anesthesia And Analgesia	Candidotti, Keith A; Yang, Zhe; Buric, David; Arheart, Kris; Zhang, Yaping; Rodriguez, Yilam; Gitlin, Melvin C; Carvalho, Enisa; Jaraba, Isabel; Wang, Liyong		Y			16
25162278	In Reply: Cho et al.	2014	Obstetrics And Gynecology	Desai, Rishi J; Hernandez-Diaz, Sonia; Bateman, Brian T; Huybrechts, Krista F			Y		0
25159358	Continuous noninvasive respiratory volume monitoring for the identification of patients at risk for opioid-induced respiratory depression and obstructive breathing patterns.	2014	The Journal Of Trauma And Acute Care Surgery	Vosopoulos, Christopher J; MacNabb, Colin Marshall; Freeman, Jenny; Galvagno, Samuel M Jr; Ladd, Diane; George, Edward					18
25159356	A dose-finding study of sufentanil sublingual microtablets for the management of postoperative bunionectomy pain.	2014	The Journal Of Trauma And Acute Care Surgery	Singla, Neel K; Muse, Derek D; Evashenk, Mark A; Palmer, Pamela P		Y			8
25155539	Improving pain management in orthopedic surgical patients with opioid tolerance.	2014	The Nursing Clinics Of North America	Doi, Kathleen; Shimoda, Rosanne; Gibbons, Gregory			Y		1
25154332	Medical cannabis laws and opioid analgesic overdose mortality in the United States, 1999-2010.	2014	JAMA Internal Medicine	Bachhuber, Marcus A; Saloner, Brendan; Cunningham, Chinazo O; Barry, Colleen L					201
25148377	Cytochrome P450 epoxigenase dependence of opioid analgesia: fluncozaolide does not interfere with remifentanil-mediated analgesia in human subjects.	2014	Clinical Pharmacology And Therapeutics	Oertel, B G; Vermeiren, J; Huynh, T T; Doehring, A; Ferreiros, N; Zimmermann, M; Geisslinger, G; Lotsch, J					1
25141248	Combining opioid and adrenergic mechanisms for chronic pain.	2014	Postgraduate Medicine	Smith, Howard S; Raffa, Robert B; Pergolizzi, Joseph V; Taylor, Robert; Tallarida, Ronald J		Y			9

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25141247	Role of indomethacin in acute pain and inflammation management: a review of the literature.	2014	Postgraduate Medicine	Nalamachu, Srinivas; Wortmann, Robert	Y				11
25141244	Acute pain: effective management requires comprehensive assessment.	2014	Postgraduate Medicine	Radnovich, Richard; Chapman, C Richard; Gudin, Jeffrey A; Panchal, Sunil J; Webster, Lynn R; Pergolizzi, Joseph V Jr	Y				12
25141242	A review of the literature on multiple factors involved in postoperative pain course and duration.	2014	Postgraduate Medicine	de Leon-Casasola, Oscar	Y				11
25134875	Addiction disorders.	2014	The Medical Clinics Of North America	Merrill, Joseph O; Duncan, Mark H			Y	Not found on Microsoft Academic	
25126704	What epidural opioid results in the best analgesia outcomes and fewest side effects after surgery?: a meta-analysis of randomized controlled trials.	2014	Anesthesia And Analgesia	Youssef, Nayer; Orlov, David; Alie, Tristan; Chong, Matthew; Cheng, Ji; Thabane, Lehana; Paul, James					21
25126703	Glycogen synthase kinase-3beta inhibition prevents remifentanil-induced postoperative hyperalgesia via regulating the expression and function of AMPA receptors.	2014	Anesthesia And Analgesia	Li, Yi-ze; Tang, Xiao-hong; Wang, Chun-yan; Hu, Nan; Xie, Ke-liang; Wang, Hai-yun; Yu, Yong-hao; Wang, Guo-lin				Not found on Microsoft Academic	
25123247	CORR Insights(R): does advanced cryotherapy reduce pain and narcotic consumption after knee arthroplasty?	2014	Clinical Orthopaedics And Related Research	Scharf, Hanns-Peter			Y	Not found on Microsoft Academic	
25122724	Opioid therapy for knee osteoarthritis and postoperative persistent pain after knee arthroplasty.	2014	Rheumatology (Oxford, England)	Miki, Kenji; Hashimoto, Ryota; Shi, Kenrin; Yukioka, Masao			Y		2
25119117	Randomized clinical trial on epidural versus patient-controlled analgesia for laparoscopic colorectal surgery within an enhanced recovery pathway.	2015	Annals Of Surgery	Hubner, Martin; Blanc, Catherine; Roulin, Didier; Winiker, Michael; Gander, Sylvain; Demartines, Nicolas			Y		77
25108142	A prospective comparison of postoperative pain and quality of life in robotic assisted vs conventional laparoscopic gynecologic surgery.	2015	American Journal Of Obstetrics And Gynecology	Zechmeister, Jenna R; Pua, Tarah L; Boyd, Leslie R; Blank, Stephanie V; Curtin, John P; Pothuri, Bhavana			Y		7
25102313	OPRM1 A118G gene variant and postoperative opioid requirement: a systematic review and meta-analysis.	2014	Anesthesiology	Hwang, In Cheol; Park, Ji-Young; Myung, Seung-Kwon; Ahn, Hong Yup; Fukuda, Ken-ichi; Liao, Qin			Y		43
25100772	Narcotic Use and Postoperative Doctor Shopping in the Orthopaedic Trauma Population.	2014	The Journal Of Bone And Joint Surgery. American Volume	Morris, Brent J; Zumsteg, Justin W; Archer, Kristin R; Cash, Brian; Mir, Hassan R			Y		23
25099750	Letting the gene out of the bottle: OPRM1 interactions.	2014	Anesthesiology	Belfer, Inna; Young, Erin E; Diatchenko, Luda			Y		5
25089730	Serum anticholinergic activity and postoperative cognitive dysfunction in elderly patients.	2014	Anesthesia And Analgesia	Rossi, Ariane; Burkhart, Christoph; Dell-Kuster, Salome; Pollock, Bruce G; Strelbel, Stephan P; Monsch, Andreas U; Kern, Christian; Steiner, Luzius A					13
25082624	Direct anterior versus miniposterior THA with the same advanced perioperative protocols: surprising early clinical results.	2015	Clinical Orthopaedics And Related Research	Poeihing-Monaghan, Kirsten L; Kamath, Atul F; Taunton, Michael J; Pagnano, Mark W					65
25081937	Ice packs reduce postoperative midline incision pain and narcotic use: a randomized controlled trial.	2014	Journal Of The American College Of Surgeons	Watkins, Ammara A; Johnson, Timothy V; Shrewsbury, Adam B; Nourparvar, Paymon; Madni, Tarik; Watkins, Colyn J; Feingold, Paul L; Kooby, David A; Maitel, Shishir K; Staley, Charles A; Master, Viraj A			Y		20
25077499	Pharmacologic management of pain at the end of life.	2014	American Family Physician	Groninger, Hunter; Vijayan, Jaya			Y		8
25076101	Relief of cancer pain by glycine transporter inhibitors.	2014	Anesthesia And Analgesia	Motoyama, Naoyo; Morita, Katsuya; Shiraishi, Seiji; Kitayama, Tomoya; Kanematsu, Takashi; Uezono, Yasuhito; Dohi, Toshihiro			Y		5
25076008	Extreme pain from brown recluse spider bites: model for cytokine-driven pain.	2014	JAMA Dermatology	Payne, Katie S; Schilli, Karen; Meier, Katlyn; Rader, Ryan K; Dyer, Jonathan A; Mold, James W; Green, Jonathan A; Stoecker, William V					7
25072223	Cyclosporine-inhibitable cerebral drug transport does not influence clinical methadone pharmacodynamics.	2014	Anesthesiology	Meissner, Konrad; Blood, Jane; Francis, Amber M; Yermolenka, Viktor; Kharasch, Evan D					4
25064595	Do patients with acute low-back pain need paracetamol?	2014	Lancet (London, England)	Koes, Bart W; Enthoven, Wendy T			Y		2
25064594	Efficacy of paracetamol for acute low-back pain: a double-blind, randomised controlled trial.	2014	Lancet (London, England)	Williams, Christopher M; Maher, Christopher G; Latimer, Jane; McLachlan, Andrew J; Hancock, Mark J; Day, Richard O; Lin, Chung-Wei Christine				119	
25063648	Elucidating risk factors for androgen deficiency associated with daily opioid use.	2014	The American Journal Of Medicine	Rubinstein, Andrea; Carpenter, Diane M					23
25061628	A better approach to opioid prescribing in primary care.	2014	The Journal Of Family Practice	Canada, Robin E; DiRocco, Danae; Day, Susan			Y		2
25059851	Does advanced cryotherapy reduce pain and narcotic consumption after knee arthroplasty?	2014	Clinical Orthopaedics And Related Research	Thienpont, Emmanuel			Y		15
25058217	Nonmyeloablative HLA-matched sibling allogeneic hematopoietic stem cell transplantation for severe sickle cell phenotype.	2014	JAMA	Hsieh, Matthew M; Fitzhugh, Courtney D; Weitzel, R Patrick; Link, Mary E; Coles, Wynona A; Zhao, Xiongce; Rodgers, Griffin P; Powell, Jonathan D; Tisdale, John F			Y		122
25046417	Extended-release oxycodone and acetaminophen (Xartemis XR).	2014	The Medical Letter On Drugs And Therapeutics				Y	Not found on Microsoft Academic	
25044063	Efforts to control prescription drug abuse: Why clinicians should be concerned and take action as essential advocates for rational policy.	2014	CA: A Cancer Journal For Clinicians	Twilman, Robert K; Kirch, Rebecca; Gilson, Aaron			Y		7

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25040168	Analgesic efficacy of pre-operative stellate ganglion block on postoperative pain relief: a randomised controlled trial.	2014	Anaesthesia	Kumar, N; Thapa, D; Gombar, S; Ahuja, V; Gupta, R	Y				16
25027139	Telecare collaborative management of chronic pain in primary care: a randomized clinical trial.	2014	JAMA	Kroenke, Kurt; Krebs, Erin E; Wu, Jingwei; Yu, Zhangsheng; Chumbler, Neale R; Bair, Matthew J		Y			70
25017821	The opioid prescription epidemic and the role of emergency medicine.	2014	Annals Of Emergency Medicine	Poon, Sabrina J; Greenwood-Ericksen, Margaret B			Y		27
24999282	Randomized controlled trial of intravenous antivenom versus placebo for latrodectism: the second Redback Antivenom Evaluation (RAVE-II) study.	2014	Annals Of Emergency Medicine	Isbister, Geoffrey K; Page, Colin B; Buckley, Nicholas A; Fatovich, Daniel M; Pascoe, Ovidiu; MacDonald, Stephen P J; Calver, Leonie A; Brown, Simon G A					20
24996597	Procedural pain in neonatal units in Kenya.	2014	Archives Of Disease In Childhood-Fetal And Neonatal Edition	Kyolojo, O'Brien Munyao; Stevens, Bonnie; Gastaldo, Denise; Gisore, Peter					13
24978399	Chronic pain and opioid use in US soldiers after combat deployment.	2014	JAMA Internal Medicine	Toblin, Robin L; Quartana, Phillip J; Riviere, Lyndon A; Walper, Kristina Clarke; Hoge, Charles W	Y				48
24978149	Pain and opioids in the military: we must do better.	2014	JAMA Internal Medicine	Jonas, Wayne B; Schoomaker, Eric B			Y		10
24977756	Epidural placement does not result in an increased incidence of venous thromboembolism in combat-wounded patients.	2014	The Journal Of Trauma And Acute Care Surgery	Caruso, Joseph D; Elster, Eric A; Rodriguez, Carlos J		Y			9
24977636	Prolonged opioid use after knee arthroscopy in military veterans.	2014	Anesthesia And Analgesia	Rozet, Irene; Nishio, Isuta; Robbertze, Reinette; Rotter, Douglas; Chansky, Howard; Hernandez, Adrian V			Y		24
24958833	New medical marijuana regulations: the coming storm.	2014	CMAJ : Canadian Medical Association Journal (Journal De L'Association Medcale Canadienne)	Kahan, Meldon; Srivastava, Anita			Y		3
24958574	Author's reply to "#BlueJC: does choice of intramuscular analgesics in labour matter?".	2014	BJOG : An International Journal Of Obstetrics And Gynaecology	BJOG : An International Journal Of Wee, Myk			Y		0
24958573	A report from #BlueJC: does choice of intramuscular analgesics in labour matter?	2014	BJOG : An International Journal Of Eichelberger, K Y; Leung, E Y L	BJOG : An International Journal Of Obstetrics And Gynaecology			Y		0
24953272	Surgical inpatient satisfaction: what are the real drivers?	2014	Surgery	Danforth, Rachel M; Pitt, Henry A; Flanagan, Mindy E; Brewster, Benjamin D; Brand, Elizabeth W; Frankel, Richard M			Y		26
24945948	Preemptive analgesia with bupivacaine in reduction mammoplasty: a prospective, randomized, double-blind, placebo-controlled trial.	2014	Plastic And Reconstructive Surgery	Valente, Denis S			Y		Not found on Microsoft Academic
24933087	Extended-release hydrocodone (Zohydro) for pain.	2014	The Medical Letter On Drugs And Therapeutics				Y		Not found on Microsoft Academic
24922121	Rules and values: a coordinated regulatory and educational approach to the public health crises of chronic pain and addiction.	2014	American Journal Of Public Health	Katzman, Joanna G; Comerci, George D; Landen, Michael; Loring, Larry; Jenkusky, Steven M; Arora, Sanjeev; Kalishman, Summers; Marr, Lisa; Camarata, Chris; Duhigg, Daniel; Dillon, Jennifer; Koskin, Eugene; Taylor, Denise E; Geppert, Cynthia M A			Y		14
24917349	Use of intramuscular morphine in trauma patients.	2014	Anaesthesia	Jones, C P; Chauhan, R; Aldington, D			Y		0
24915800	The effects of intra-operative dexmedetomidine on postoperative pain, side-effects and recovery in colorectal surgery.	2014	Anaesthesia	Cheung, C W; Qiu, Q; Ying, A C L; Choi, S W; Law, W L; Irwin, M G					16
24912870	No difference in postoperative pain after arthroscopic versus open rotator cuff repair.	2014	Clinical Orthopaedics And Related Research	Williams, Gerald Jr; Kraeutler, Matthew J; Zmioskowski, Benjamin; Fenlin, John M Jr			Y		16
24897746	Preoperative Opioid Use as a Predictor of Adverse Postoperative Self-Reported Outcomes in Patients Undergoing Spine Surgery.	2014	The Journal Of Bone And Joint Surgery. American Volume	Lee, Dennis; Armaghani, Sheyan; Archer, Kristin R; Bible, Jesse; Shau, David; Kay, Harrison; Zhang, Chi; McGirt, Matthew J; Devin, Clinton			Y		69
24897738	Early Patient Outcomes After Primary Total Knee Arthroplasty with Quadriceps-Sparing Subvastus and Medial Parapatellar Techniques: A Randomized, Double-Blind Clinical Trial.	2014	The Journal Of Bone And Joint Surgery. American Volume	Tomek, Ivan M; Kantor, Stephen R; Cori, LuAnne A; Scoville, Jennifer M; Grove, Margaret R; Morgan, Tamara S; Swarup, Ishaan; Moschetti, Wayne E; Spratt, Kevin F			Y		9
24896818	Naloxegol for opioid-induced constipation in patients with noncancer pain.	2014	The New England Journal Of Medicine	Chey, William D; Webster, Lynn; Sostek, Mark; Lappalainen, Jaakkko; Barker, Peter N; Tack, Jan	Y				151
24892803	Accuracy of the composite variability index as a measure of the balance between nociception and antinociception during anesthesia.	2014	Anesthesia And Analgesia	Sahinovic, Marco M; Eleveld, Douglas J; Kalmar, Alain F; Heeremans, Eleonora H; De Smet, Tom; Seshagiri, Chandran V; Absalom, Anthony R; Vereecke, Hugo E M; Struys, Michel M R F					15
24887969	Serotonin, morphine, and neuropathic pain: not a simple story.	2014	Anesthesiology	Byrne, Kelly; Tsui, Ban					0
24887968	Peripheral nerve injury reduces analgesic effects of systemic morphine via spinal 5-hydroxytryptamine 3 receptors.	2014	Anesthesiology	Kimura, Masafumi; Obata, Hideaki; Saito, Shigeru					Not found on Microsoft Academic

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24867013	Effect of endoscopic sphincterotomy for suspected sphincter of Oddi dysfunction on pain-related disability following cholecystectomy: the EPISOD randomized clinical trial.	2014	JAMA	Cotton, Peter B; Durkalski, Valerie; Romagnuolo, Joseph; Pauls, Qi; Fogel, Evan; Tarnasky, Paul; Aliperti, Giuseppe; Freeman, Martin; Kozarek, Richard; Jamidar, Priya; Wilcox, Mel; Serrano, Jose; Brawman-Mintzer, Olga; Elta, Grace; Mauldin, Patrick; Thornhill, Andre; Hawes, Robert; Wood-Williams, April; Orrell, Kyle; Drossman, Douglas; Robuck, Patricia	Y			80
24866215	Surgical and nonsurgical management of gallstones.	2014	American Family Physician	Abraham, Sherly; Rivero, Haidy G; Erlikh, Irina V; Griffith, Larry F; Kondamudi, Vasantha K		Y		4
24856020	Access to controlled medicines for pain relief and anaesthesia in low-income countries.	2014	Lancet (London, England)	Nickerson, Jason W; Attaran, Amir		Y		3
24848008	The effect of intra-operative passive movement therapy on non-surgical site pain after breast reconstructive surgery: a preliminary study.	2014	Anaesthesia	Bidd, H; Dulai, R; Edelman, N; Giles, J; Patel, C	Y			6
24842424	Opioid prescribing.	2014	Annals Of Internal Medicine	Nuckols, Teryl J; Chou, Roger		Y		Not found on Microsoft Academic
24842423	Opioid prescribing.	2014	Annals Of Internal Medicine	Manchikanti, Laxmaiah; Falco, Frank J E; Hirsch, Joshua A	Y			Not found on Microsoft Academic
24842182	Continuous ultrasound-guided adductor canal block for total knee arthroplasty: a randomized, double-blind trial.	2014	Anesthesia And Analgesia	Hanson, Neil A; Allen, Cindy Jo; Hostetter, Lucy S; Nagy, Ryan; Derby, Ryan E; Slee, April E; Arslan, Alex; Auyong, David B				66
24842178	Long-term survival after resection of hepatocellular carcinoma: a potential risk associated with the choice of postoperative analgesia.	2014	Anesthesia And Analgesia	Cao, Longhui; Chang, Yi; Lin, Wenqian; Zhou, Jianhua; Tan, Hongying; Yuan, Yunfei; Zeng, Weian				7
24834473	Prospective three-year follow up of a cohort study of 240 patients with chronic facial pain.	2014	The Journal Of Laryngology And Otology	Agius, A M; Jones, N S; Muscat, R				5
24828373	Outcomes after implementation of a multimodal standard care pathway for laparoscopic colorectal surgery.	2014	The British Journal Of Surgery	Larson, D W; Lovely, J K; Cima, R R; Dozois, E J; Chu, H; Wolff, B G; Pemberton, J H; Devine, R R; Huebner, M	Y			57
24807337	Preemptive use of gabapentin in abdominal hysterectomy: a systematic review and meta-analysis.	2014	Obstetrics And Gynecology	Alayed, Nada; Alghanaim, Nadin; Tan, Xianming; Tulandi, Togas		Y		36
24803311	Painful diabetic neuropathy.	2014	BMJ (Clinical Research Ed.)	Peltier, Amanda; Goutman, Stephen A; Callaghan, Brian C				93
24796391	Codeine in mothers and children: where are we now?	2014	Anaesthesia	Palanisamy, A; Bailey, C R		Y		11
24785852	Increase in prescription opioid use during pregnancy among Medicaid-enrolled women.	2014	Obstetrics And Gynecology	Desai, Rishi J; Hernandez-Diaz, Sonia; Bateman, Brian T; Huybrechts, Krista F		Y		104
24782195	Poor sleep quality is strongly associated with subsequent pain intensity in patients with acute low back pain.	2014	Arthritis & Rheumatology (Hoboken, N.J.)	Alsaeedi, Saad M; McAuley, James H; Hush, Julia M; Lo, Serigne; Lin, Chung-Wei Christine; Williams, Christopher M; Maher, Christopher G				25
24781572	Cognitive dysfunction after fast-track hip and knee replacement.	2014	Anesthesia And Analgesia	Krenk, Lene; Kehlet, Henrik; Baek Hansen, Torben; Solgaard, Soren; Soballe, Kjeld; Rasmussen, Lars Simon		Y		41
24777731	Opioid use after fracture surgery correlates with pain intensity and satisfaction with pain relief.	2014	Clinical Orthopaedics And Related Research	Bot, Arjan G J; Bekkers, Stijn; Arnstein, Paul M; Smith, R Malcolm; Ring, David	Y			48
24769786	Hospitalist management of vaso-occlusive pain crisis in patients with sickle cell disease using a pathway of care.	2014	Hospital Practice (1995)	Allen Liles, Edmund; Kirsch, Jonathan; Gilchrist, Michael; Adem, Mukhtar McCarthy, Michael		Y		1
24764572	FDA chief defends Zohydro approval as US states rebel.	2014	BMJ (Clinical Research Ed.)			Y		0
24758776	Intrapерitoneal local anesthetics have predominant local analgesic effect: a randomized, double-blind study.	2014	Anesthesiology	Perniola, Andrea; Magnuson, Anders; Axelsson, Kjell; Gupta, Anil				11
24758775	Comparison of three techniques for ultrasound-guided femoral nerve catheter insertion: a randomized, blinded trial.	2014	Anesthesiology	Farag, Ehab; Altin, Abdulkadir; Ghosh, Raktim; Bauer, Maria; Sreenivasulu, Thilak; Kot, Michael; Kurz, Andrea; Dalton, Jarrod E; Mascha, Edward J; Mourir-Soliman, Loran; Zaky, Sherif; Ali Sakr Esa, Wael; Udeh, Belinda L; Barsoum, Wael; Sessler, Daniel I	Y			16
24758596	Chronic pain, addiction, and Zohydro.	2014	The New England Journal Of Medicine	Olsen, Yngvild; Sharfstein, Joshua M		Y		17
24755806	In reply.	2014	Anesthesiology	Farag, Ehab; Dalton, Jarrod; Sessler, Daniel I; Kurz, Andrea	Y			Not found on Microsoft Academic
24755805	Is perioperative intravenous lidocaine for complex spine surgery a more complex issue?	2014	Anesthesiology	Fry, Robert Andrew; Davis, Kieran		Y		3
24749886	Postoperative morphine concentration in infants with or without biliary atresia and its association with hepatic blood flow.	2014	Anaesthesia	Wang, X; Qiao, Z W; Zhou, Z J; Zhuang, P J; Zheng, S	Y			3
24745582	Medial open transversus abdominal plane catheter analgesia: a simple, safe, effective technique after open liver resection.	2014	Journal Of The American College Of Surgeons	Behman, Ramy; McHardy, Paul; Sawyer, Jason; Lam-McCulloch, Jenny; Karanicolas, Paul J		Y		2
24743579	Limb remote ischemic preconditioning attenuates lung injury after pulmonary resection under propofol-remifentanil anesthesia: a randomized controlled study.	2014	Anesthesiology	Li, Cai; Xu, Miao; Wu, Yan; Li, Yun-Sheng; Huang, Wen-Qi; Liu, Ke-Xuan				32

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24743100	How do physicians adopt and apply opioid prescription guidelines in the emergency department? A qualitative study.	2014	Annals Of Emergency Medicine	Kilaru, Austin S; Gadsden, Sarah M; Perrone, Jeannarie; Padiotti, Breah; Barg, Frances K; Meisel, Zachary F		Y		24
24714117	Polymorphism in the ADRB2 gene explains a small portion of intersubject variability in pain relative to cervical dilation in the first stage of labor.	2014	Anesthesiology	Terkawi, Abdullah S; Jackson, William M; Hansoti, Shehnaz; Tabassum, Rabeena; Flood, Pamela				3
24706022	The Chitraranjan Ranawat Award: Periarticular injections and femoral & sciatic blocks provide similar pain relief after TKA: a randomized clinical trial.	2015	Clinical Orthopaedics And Related Research	Spanghehl, Mark J; Clarke, Henry D; Hentz, Joseph G; Misra, Lopa; Blocher, Joshua L; Seaman, David P		Y		54
24701609	How to set boundaries with chronic pain patients.	2014	The Journal Of Family Practice	Cosio, David		Y		3
24701604	Clinical Inquiry: is there a primary care tool to detect aberrant drug-related behaviors in patients on opioids?	2014	The Journal Of Family Practice	Peck, Shannon B; Gilchrist, Joshua; Clemans-Taylor, Lee		Y		Not found on Microsoft Academic
24695927	Percutaneous pin removal in the outpatient clinic—do children require analgesia?: a randomized controlled trial.	2014	The Journal Of Bone And Joint Surgery. American Volume	Lim, Kevin Boon Leong; Tan, Sara Shuhui; Abdullah, Sharifah Nazrah Syed; Ong, Ling-Ling; Wong, Mee-Leng; Allen, John Carson				5
24690984	Ketorolac after free tissue transfer: a comparative effectiveness study.	2014	The Annals Of Otology, Rhinology, And Laryngology	Schleiffarth, J Robert; Bayon, Rodrigo; Chang, Kristi E; Van Daele, Douglas J; Pagedar, Nitin A		Y		1
24686045	The effects of perineural versus intravenous dexamethasone on sciatic nerve blockade outcomes: a randomized, double-blind, placebo-controlled study.	2014	Anesthesia And Analgesia	Rahangdale, Rohit; Kendall, Mark C; McCarthy, Robert J; Tureanu, Luminita; Doty, Robert Jr; Weingart, Adam; De Oliveira, Gildasio S Jr				61
24685976	Psychosocial and pharmacological management of pain in pediatric sickle cell disease.	2014	Postgraduate Medicine	Hildenbrand, Aimee K; Nicholls, Elizabeth G; Daly, Brian P; Marsac, Meghan L; Tarazi, Reem; Deepali, Raybagkar		Y		3
24684867	A prospective, randomized controlled trial of single-incision laparoscopic vs conventional 3-port laparoscopic appendectomy for treatment of acute appendicitis.	2014	Journal Of The American College Of Surgeons	Carter, Jonathan T; Kaplan, Jennifer A; Nguyen, Jason N; Lin, Matthew Y C; Rogers, Stanley J; Harris, Hobart W				51
24680237	Lack of association between Press Ganey emergency department patient satisfaction scores and emergency department administration of analgesic medications.	2014	Annals Of Emergency Medicine	Schwartz, Tayler M; Tai, Miao; Babu, Kavita M; Merchant, Roland C				38
24664646	Canadian approval sought for controversial pain drug.	2014	CMAJ : Canadian Medical Association Journal (Journal De L'Association Medcale Canadienne)	Brown, Carolyn		Y		0
24655839	Long-term outcomes of total pancreatectomy and islet auto transplantation for hereditary/genetic pancreatitis.	2014	Journal Of The American College Of Surgeons	Chinnakota, Srinath; Radosevich, David M; Dunn, Ty B; Bellin, Melena D; Freeman, Martin L; Schwarzenberg, Sarah J; Balamurugan, A N; Wilhelm, Josh; Bland, Barbara; Vickers, Selwyn M; Belman, Gregory J; Sutherland, David E R; Pruitt, Timothy L				47
24655456	In reply.	2014	Annals Of Emergency Medicine	Weiner, Scott G; Griggs, Christopher A; Feldman, James A		Y		Not found on Microsoft Academic
24655455	Part of the solution? Or part of the problem? Comments on Clinician impression versus prescription drug monitoring program criteria in the assessment of drug-seeking behavior in the emergency department.	2014	Annals Of Emergency Medicine	Nguyen, Vincent; Nelson, Lewis S; Lenz, Kasia; Ung, Lyncean		Y		0
24651239	Intrathecal injection of JWH015 attenuates remifentanil-induced postoperative hyperalgesia by inhibiting activation of spinal glia in a rat model.	2014	Anesthesia And Analgesia	Sun, Yu'e; Zhang, Wei; Liu, Yue; Liu, Xiaojie; Ma, Zhengliang; Gu, Xiaoping				14
24647506	Risk factors for continued opioid use one to two months after surgery for musculoskeletal trauma.	2014	The Journal Of Bone And Joint Surgery. American Volume	Helmerhorst, Gjjs T T; Vranceanu, Ana-Maria; Vravhas, Mark; Smith, Malcolm; Ring, David				66
24647169	Long term opioid use in 3.1% of patients after surgery may be appropriate.	2014	BMJ (Clinical Research Ed.)	Desai, Pradeep; Shaikh, Tauheedur		Y		0
24647168	Prolonged postoperative pain is a complex biopsychosocial problem.	2014	BMJ (Clinical Research Ed.)	Basler, Michael H; Rae, Colin P		Y		0
24641640	Comparison of analgesic efficacy of four-quadrant transversus abdominis plane (TAP) block and continuous posterior TAP analgesia with epidural analgesia in patients undergoing laparoscopic colorectal surgery: an open-label, randomised, non-inferiority trial.	2014	Anaesthesia	Niraj, G; Kelkar, A; Hart, E; Horst, C; Malik, D; Yeow, C; Singh, B; Chaudhri, S		Y		64
24637611	US bill would force FDA to withdraw approval of new pain drug Zohydro.	2014	BMJ (Clinical Research Ed.)	McCarthy, Mike		Y		1
24623711	Modifications of gait as predictors of natural osteoarthritis progression in STR/Ort mice.	2014	Arthritis & Rheumatology (Hoboken, N.J.)	Poulet, Blandine; de Souza, Roberto; Knights, Chancie B; Gentry, Clive; Wilson, Alan M; Bevan, Stuart; Chang, Yu-Mei; Pitsillides, Andrew A				13
24622571	Impact of preoperative narcotic use on outcomes in migraine surgery.	2014	Plastic And Reconstructive Surgery	Adenuga, Paul; Brown, Matthew; Reed, Deborah; Guyuron, Bahman		Y		3
24615425	Fewer postoperative fevers: an unexpected benefit of multimodal pain management?	2014	Clinical Orthopaedics And Related Research	Karam, Joseph A; Zmistrovski, Benjamin; Restrepo, Camilo; Hozack, William J; Parviz, Javad		Y		8

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24614324	Proteinase-activated receptor 1 contributed to up-regulation of enkephalin in keratinocytes of patients with obstructive jaundice.	2014	Anesthesiology	Tao, Kun-Ming; Tao, Yong; Chen, Cai-Yang; Yang, Li-Qun; Lu, Zhi-Jie; Sun, Yu-Ming; Huang, Sheng-Dong; Yu, Wei-Feng McCarthy, Michael		Y		5
24591422	FDA is urged to reverse its approval of new pain drug Zohydro ER.	2014	BMJ (Clinical Research Ed.)			Y		2
24589873	High-risk use by patients prescribed opioids for pain and its role in overdose deaths.	2014	JAMA Internal Medicine	Gwira Baumblatt, Jane A; Wiedeman, Caleb; Dunn, John R; Schaffner, William; Paulozzi, Leonard J; Jones, Timothy F		Y		126
24589763	Sources of prescription opioid pain relievers by frequency of past-year nonmedical use United States, 2008-2011.	2014	JAMA Internal Medicine	Jones, Christopher M; Paulozzi, Leonard J; Mack, Karin A		Y		82
24582007	Remifentanil versus morphine-midazolam premedication on the quality of endotracheal intubation in neonates: a noninferiority randomized trial.	2014	The Journal Of Pediatrics	Avino, Daniela; Zhang, Wei-Hong; De Ville, Andree; Johansson, Anne-Britt				14
24577019	Efficacy and safety of early dexmedetomidine during noninvasive ventilation for patients with acute respiratory failure: a randomized, double-blind, placebo-controlled pilot study.	2014	Chest	Devlin, John W; Al-Qadheeb, Nada S; Chi, Amy; Roberts, Russel J; Qawi, Imrana; Garpestad, Erik; Hill, Nicholas S		Y		26
24572864	Ketorolac does not increase perioperative bleeding: a meta-analysis of randomized controlled trials.	2014	Plastic And Reconstructive Surgery	Gobble, Ryan M; Hoang, Han L T; Kachniarz, Bart; Orgill, Dennis P		Y		48
24557106	A comparison of remifentanil parturient-controlled intravenous analgesia with epidural analgesia: a meta-analysis of randomized controlled trials.	2014	Anesthesia And Analgesia	Liu, Zhi-Qiang; Chen, Xiu-Bin; Li, Hai-Bing; Qiu, Man-Tang; Duan, Tao				27
24557091	Is remifentanil a safe and effective alternative to neuraxial labor analgesia? It all depends.	2014	Anesthesia And Analgesia	Birnbach, David J; Ranasinghe, J Sudharma		Y		7
24553556	Long-term posttraumatic stress symptoms vary inversely with early opiate dosing in children recovering from serious burns: effects durable at 4 years.	2014	The Journal Of Trauma And Acute Care Surgery	Sheridan, Robert L; Stoddard, Frederick J; Kazis, Lewis E; Lee, Austin; Li, Nien-Chen; Kagan, Richard J; Palmieri, Tina L; Meyer, Walter J 3rd; Nicolai, Marc; Stubbs, Teresa K; Chan, Grace; Hinson, Michelle I; Herndon, David N; Tompkins, Ronald G				27
24549775	Evaluating the affect and reversibility of opioid-induced androgen deficiency in an orthopaedic animal fracture model.	2014	Clinical Orthopaedics And Related Research	Chrastil, Jesse; Sampson, Christopher; Jones, Kevin B; Higgins, Thomas F				6
24548730	Continuous infusion of local anaesthetic following laparoscopic hysterectomy—a randomised controlled trial.	2014	BJOG : An International Journal Of Obstetrics And Gynaecology	Andrews, V; Wright, J T; Zakaria, F; Banerjee, S; Ballard, K	Y			10
24536008	Randomized clinical trial of single- versus multi-incision laparoscopic cholecystectomy.	2014	The British Journal Of Surgery	Jorgensen, L N; Rosenberg, J; Al-Tayar, H; Assaadzadeh, S; Helgstrand, F; Bisgaard, T	Y			35
24534115	Trigeminal neuralgia.	2014	BMJ (Clinical Research Ed.)	Zakrzewska, Joanna M; Linskey, Mark E		Y		Not found on Microsoft Academic
24528948	A performance improvement prescribing guideline reduces opioid prescriptions for emergency department dental pain patients.	2014	Annals Of Emergency Medicine	Doyon, Suzanne		Y		0
24525630	Bilateral suprazygomatic maxillary nerve block for cleft palate repair in children: a prospective, randomized, double-blind study versus placebo.	2014	Anesthesiology	Chiono, Julien; Raux, Olivier; Bringquier, Sophie; Sola, Chrystelle; Bigorre, Michele; Capdevila, Xavier; Dadure, Christophe		Y		18
24525629	Balance in opioid prescription during pregnancy.	2014	Anesthesiology	Flood, Pamela; Raja, Srinivasa N		Y		2
24525628	Patterns of opioid utilization in pregnancy in a large cohort of commercial insurance beneficiaries in the United States.	2014	Anesthesiology	Bateman, Brian T; Hernandez-Diaz, Sonia; Rathmell, James P; Seeger, John D; Doherty, Michael; Fischer, Michael A; Huybrechts, Krista F	Y			59
24519538	Prolonged use of opioids after surgery.	2014	BMJ (Clinical Research Ed.)	Duale, Christian		Y		3
24519537	Rates and risk factors for prolonged opioid use after major surgery: population based cohort study.	2014	BMJ (Clinical Research Ed.)	Clarke, Hance; Soneji, Neilesh; Ko, Dennis T; Yun, Lingsong; Wijeyesundara, Duminda N				189
24518775	Enhanced recovery protocol after radical cystectomy for bladder cancer.	2014	The Journal Of Urology	Daneshmand, Siamak; Ahmadi, Hamed; Schuckman, Anne K; Mirra, Anirban P; Cai, Jie; Miranda, Gus; Djalalat, Hooman		Y		112
24518763	Ultrasound guided transversus abdominis plane vs surgeon administered intraoperative regional field infiltration with bupivacaine for early postoperative pain control in children undergoing open pyeloplasty.	2014	The Journal Of Urology	Lorenzo, Armando J; Lynch, Johanne; Matava, Clyde; El-Beheiry, Hossam; Hayes, Jason		Y		8
24509206	Total pancreatectomy and islet autotransplantation in children for chronic pancreatitis: indication, surgical techniques, postoperative management, and long-term outcomes.	2014	Annals Of Surgery	Chinnakkota, Srinath; Bellin, Melena D; Schwarzenberg, Sarah J; Radosevich, David M; Cook, Marie; Dunn, Ty B; Bellman, Gregory J; Freeman, Martin L; Balamurugan, A N; Wilhelm, Josh; Bland, Barbara; Jimenez-Vega, Jose M; Hering, Bernhard J; Vickers, Selwyn M; Pruitt, Timothy L; Sutherland, David E R		Y		71
24509068	Buprenorphine-naloxone therapy in pain management.	2014	Anesthesiology	Chen, Kelly Yan; Chen, Lucy; Mao, Jianren		Y		28
24500592	Psychological factors predict disability and pain intensity after skeletal trauma.	2014	The Journal Of Bone And Joint Surgery. American Volume	Vranceanu, Ana-Maria; Bachoura, Abdo; Weening, Alexander; Vrahlas, Mark; Smith, R Malcolm; Ring, David	Y			90
24495739	Morphine inhibits migration of tumor-infiltrating leukocytes and suppresses angiogenesis associated with tumor growth in mice.	2014	The American Journal Of Pathology	Koodie, Lisa; Yuan, Hongyan; Pumper, Jeffrey A; Yu, Haidong; Charboneau, Richard; Ramkrishnan, Sundaram; Roy, Sabita		Y		24

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24489012	Osteoarthritis in Europe: impact on health status, work productivity and use of pharmacotherapies in five European countries.	2014	Rheumatology (Oxford, England)	Kingsbury, Sarah R; Gross, Hillary J; Isherwood, Gina; Conaghan, Philip G					29
24459220	Predictors of pain medication use for arthroplasty pain after revision total knee arthroplasty.	2014	Rheumatology (Oxford, England)	Singh, Jasvinder A; Lewallen, David G					12
24449585	Disrupted brain circuitry for pain-related reward/punishment in fibromyalgia.	2014	Arthritis & Rheumatology (Hoboken, N.J.)	Loggia, Marco L; Berna, Chantal; Kim, Jieun; Cahalan, Christine M; Gollub, Randy L; Wasan, Ajay D; Harris, Richard E; Edwards, Robert R; Napadow, Vitaly	Y				58
24445643	Transversus abdominis plane block to ameliorate postoperative pain outcomes after laparoscopic surgery: a meta-analysis of randomized controlled trials.	2014	Anesthesia And Analgesia	De Oliveira, Gildasio S Jr; Castro-Alves, Lucas Jorge; Nader, Autoun; Kendall, Mark C; McCarthy, Robert J					96
24445532	Posttonsillectomy pain in children.	2014	The American Journal Of Nursing	Sutters, Kimberly A; Isaacson, Glenn			Y		Not found on Microsoft Academic
24413546	Ambulatory continuous peripheral nerve blocks in children and adolescents: a longitudinal 8-year single center study.	2014	Anesthesia And Analgesia	Gurnaney, Harshad; Kraemer, F; Wickham; Maxwell, Lynne; Muhy, Wallis T; Schlelein, Laura; Ganesh, Arjunan					31
24401769	Adductor canal block versus femoral nerve block for total knee arthroplasty: a prospective, randomized, controlled trial.	2014	Anesthesiology	Kim, David H; Lin, Yi; Goytizolo, Enrique A; Kahn, Richard L; Maalouf, Daniel B; Manohar, Asha; Patt, Minda L; Goon, Amanda K; Lee, Yeo-Yu; Ma, Yan; Yadeau, Jacques T		Y			119
24398818	Synergistic interaction between fentanyl and bupivacaine given intrathecally for labor analgesia.	2014	Anesthesiology	Ngan Kee, Warwick D; Khaw, Kim S; Ng, Floria F; Ng, Karman K L; So, Rita; Lee, Anna					13
24398730	Hamilton acute pain service safety study: using root cause analysis to reduce the incidence of adverse events.	2014	Anesthesiology	Paul, James E; Buckley, Norman; McLean, Richard F; Antoni, Karen; Musson, David; Kampf, Marianne; Buckley, Diane; Marcoux, Michelle; Frketicich, Rosemary; Thabane, Lehana; Chen, Ji					8
24390828	Is L2 paravertebral block comparable to lumbar plexus block for postoperative analgesia after total hip arthroplasty?	2014	Clinical Orthopaedics And Related Research	Wardhani, Richa; Auroux, Anne-Sophie M; Ben-David, Bruce; Chelly, Jacques E			Y		3
24384863	Nicotine for postoperative analgesia: a systematic review and meta-analysis.	2014	Anesthesia And Analgesia	Mishky, Basem M; Habib, Ashraf S					9
24382350	Opioid receptor-triggered spinal mTORC1 activation contributes to morphine tolerance and hyperalgesia.	2014	The Journal Of Clinical Investigation	Xu, Ji-Tian; Zhao, Jian-Yuan; Zhao, Xiuli; Ligons, Davinna; Tiwari, Vinod; Atianjoh, Fidelis E; Lee, Chun-Yi; Liang, Lingli; Zang, Weidong; Njoku, Dolores; Raju, Srinivasa N; Yaster, Myron; Tao, Yuan-Xiang					64
24379233	Recognition and management of iatrogenically induced opioid dependence and withdrawal in children.	2014	Pediatrics	Galinkin, Jeffrey; Koh, Jeffrey Lee			Y		16
24375398	Pain palliation measurement in cancer clinical trials: the US Food and Drug Administration perspective.	2014	Cancer	Basch, Ethan; Trentacosti, Ann Marie; Burke, Laurie B; Kwiatkowski, Virginia; Kane, Robert C; Autio, Karen A; Papadopoulos, Elektra; Stansbury, James P; Kluzet, Paul G; Smith, Harry; Justice, Robert; Pazdur, Richard		Y			14
24343289	Survey criteria for fibromyalgia independently predict increased postoperative opioid consumption after lower-extremity joint arthroplasty: a prospective, observational cohort study.	2013	Anesthesiology	Brummett, Chad M; Janda, Allison M; Schueler, Christa M; Tsodikov, Alex; Morris, Michelle; Williams, David A; Clauw, Daniel J					79
24343288	Effect of catechol-o-methyltransferase-gene (COMT) variants on experimental and acute postoperative pain in 1,000 women undergoing surgery for breast cancer.	2013	Anesthesiology	Kambur, Oleg; Kaunisto, Mari A; Tikkanen, Emmi; Leal, Suzanne M; Ripatti, Samuli; Kalso, Eija A					25
24343286	Pain in 1,000 women treated for breast cancer: a prospective study of pain sensitivity and postoperative pain.	2013	Anesthesiology	Kaunisto, Mari A; Jokela, Ritva; Tallgren, Minna; Kambur, Oleg; Tikkanen, Emmi; Tasmuth, Tiina; Sipila, Reetta; Palotie, Aarno; Eslinger, Ann-Mari; Leidenius, Marjut; Ripatti, Samuli; Kalso, Eija A					38
24340341	How to safely prescribe long-acting opioids.	2013	The Journal Of Family Practice	Gregory, Thomas B			Y		1
24303864	Peri-operative care of the elderly 2014: Association of Anaesthetists of Great Britain and Ireland.	2014	Anaesthesia	Griffiths, R; Beech, F; Brown, A; Dhesi, J; Foo, I; Goodall, J; Harrop-Griffiths, W; Jameson, J; Love, N; Pappenheim, K; White, S	Y				70
24324214	Treating pain in patients with drug-dependence problems.	2013	BMJ (Clinical Research Ed.)	Ballantyne, Jane C			Y		1
24320856	The analgesic efficiency of combined pregabalin and ketamine for total hip arthroplasty: a randomised, double-blind, controlled study.	2014	Anaesthesia	Martinez, V; Cymerman, A; Ben Ammar, S; Flaud, J F; Rapon, C; Poindessous, F; Judet, T; Chauvin, M; Bouhassira, D; Sessler, D; Mazoit, X; Fletcher, D			Y		28
24316091	Segmental hyperalgesia to mechanical stimulus in interstitial cystitis/bladder pain syndrome: evidence of central sensitization.	2014	The Journal Of Urology	Lai, H Henry; Gardner, Vivien; Ness, Timothy J; Gereau, Robert W 4th		Y			24

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24315907	Morphine decreases clopidogrel concentrations and effects: a randomized, double-blind, placebo-controlled trial.	2014	Journal Of The American College Of Cardiology	Hobi, Eva-Luise; Stimpfl, Thomas; Ebner, Josef; Schoergenhofer, Christian; Derhaschnig, Ulla; Sunder-Plassmann, Rautie; Jilma-Stohlawetz, Petra; Mannhalter, Christine; Posch, Martin; Jilma, Bernd		Y		89
24315697	Totally thoracoscopic closure of ventricular septal defect without a robotically assisted surgical system: a summary of 119 cases.	2014	The Journal Of Thoracic And Cardiovascular Surgery	Ma, Zeng-Shan; Yang, Chang-Yong; Dong, Ming-Feng; Wu, Shu-Ming; Wang, Le-Xin		Y		4
24289216	A comparison of intramuscular diamorphine and intramuscular pethidine for labour analgesia: a two-centre randomised blinded controlled trial.	2014	BJOG : An International Journal Of Obstetrics And Gynaecology	Wee, M Y K; Tuckey, J P; Thomas, P W; Burnard, S				11
24285775	Increased kappa-opioid receptor expression and function during chronic visceral hypersensitivity.	2014	Gut	Hughes, Patrick A; Castro, Joel; Harrington, Andrea M; Isaacs, Nicole; Moretta, Melissa; Hicks, Gareth A; Urso, David M; Brierley, Stuart M				Not found on Microsoft Academic
24276838	Intravenous magnesium sulfate for vaso-occlusive episodes in sickle cell disease.	2013	Pediatrics	Goldman, Ran D; Mounstephen, William; Kirby-Allen, Melanie; Friedman, Jeremy N				13
24268523	Safety of intranasal fentanyl in the out-of-hospital setting: a prospective observational study.	2014	Annals Of Emergency Medicine	Karslen, Anders P; Pedersen, Danny M B; Trautner, Sven; Dahl, Jorgen B; Hansen, Morten S				26
24262016	Determinants of procedural pain intensity in the intensive care unit. The Europain(R) study.	2014	American Journal Of Respiratory And Critical Care Medicine	Puntillo, Kathleen A; Max, Adeline; Timsit, Jean-Francois; Vignoud, Lucile; Chauques, Gerald; Robleda, Gemma; Roche-Campo, Ferran; Mancebo, Jordi; Divatia, Jigeeshu V; Soares, Marcio; Ionescu, Daniela C; Grințescu, Ioana M; Vasiliu, Irena L; Maggiore, Salvatore Maurizio; Rusinova, Katerina; Owczuk, Radosław; Egerod, Ingrid; Papathanassoglou, Elizabeth D E; Kyranou, Maria; Joynt, Gavin M; Burghi, Gaston; Freebairn, Ross C; Ho, Kwok M; Kaarla, Anne; Gerritsen, Rik T; Kesecioglu, Jozef; Sulaj, Miroslav M S; Norrenberg, Michelle; Benoit, Dominique D; Seha, Myriam S G; Hennein, Akram; Periera, Fernando J; Benbenisty, Julie S; Abroug, Fekri; Aquilina, Andrew; Monte, Julia R C; An, Youzhong; Azoulay, Elie				Not found on Microsoft Academic
24257668	Gabapentin did not reduce morphine consumption, pain, or opioid-related side effects in total knee arthroplasty.	2013	The Journal Of Bone And Joint Surgery, American Volume	Zaffagnini, Stefano		Y		0
24257399	Intrathecal ultra-low dose naloxone enhances the antihyperalgesic effects of morphine and attenuates tumor necrosis factor-alpha and tumor necrosis factor-alpha receptor 1 expression in the dorsal horn of rats with partial sciatic nerve transection.	2013	Anesthesia And Analgesia	Yang, Chih-Ping; Cherng, Chen-Hwan; Wu, Ching-Tang; Huang, Hui-Yi; Tao, Pao-Luh; Lee, Sing-Ong; Wong, Chih-Shung				Not found on Microsoft Academic
24257398	Continuous interscalene block in patients having outpatient rotator cuff repair surgery: a prospective randomized trial.	2013	Anesthesia And Analgesia	Salviz, Emine Aysu; Xu, Daquan; Frulla, Ashton; Kwofie, Kwesi; Shastri, Uma; Chen, Junping; Shariat, Ali Nima; Littwin, Sanford; Lin, Emily; Choi, Jason; Hobelka, Paul; Hadzic, Admir				48
24257387	A retrospective assessment of the incidence of respiratory depression after neuraxial morphine administration for postcesarean delivery analgesia.	2013	Anesthesia And Analgesia	Crowgey, Theresa R; Dominguez, Jennifer E; Peterson-Layne, Cathleen; Allen, Terrence K; Muir, Holly A; Habib, Ashraf S		Y		25
24244968	Systematic review and meta-analysis of continuous local anaesthetic wound infiltration versus epidural analgesia for postoperative pain following abdominal surgery.	2013	The British Journal Of Surgery	Ventham, N T; Hughes, M; O'Neill, S; Johns, N; Brady, R R; Wigmore, S J	Y			62
24237772	Emergency department bone-dental pain used to obtain narcotics.	2013	Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Hupp, James R		Y		1
24227357	Randomized clinical trial of intraoperative superficial cervical plexus block versus incisional local anaesthesia in thyroid and parathyroid surgery.	2013	The British Journal Of Surgery	Egan, R J; Hopkins, J C; Beamish, A J; Shah, R; Edwards, A G; Morgan, J D T	Y			19
24219250	Lost in translation? Learning from the opioid epidemic in the USA.	2013	Anaesthesia	Weisberg, D; Stannard, C		Y		16
24219249	Pain policy and abuse of prescription opioids in the USA: a cautionary tale for Europe.	2013	Anaesthesia	Kotecha, M K; Sites, B D		Y		16
24217469	Opioid prescribing: a systematic review and critical appraisal of guidelines for chronic pain.	2014	Annals Of Internal Medicine	Nuckols, Teryl K; Anderson, Laura; Popescu, Ioana; Diamant, Alison L; Doyle, Brian; Di Capua, Paul; Chou, Roger				175
24210367	Does initial hydromorphone relieve pain best if dosing is fixed or weight based?	2014	Annals Of Emergency Medicine	Xia, Shujun; Choe, Dong; Hernandez, Lenin; Birnbaum, Adrienne		Y		5
24200765	Predictors of excessive CT scan use in a surgical cohort of patients with Crohn's disease.	2013	Postgraduate Medicine	Young, Whitney; Hyman, Neil; Osler, Turner		Y		2

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24196463	Local infiltration analgesia followed by continuous infusion of local anesthetic solution for total hip arthroplasty: a prospective, randomized, double-blind, placebo-controlled study.	2013	The Journal Of Bone And Joint Surgery. American Volume	Solovyova, Olga; Lewis, Courtland G; Abrams, Jonathan H; Grady-Benson, John; Joyce, Michael E; Schutzer, Steven F; Arumugam, Sivasenthil; Caminiti, Stephanie; Sinha, Sanjay K		Y		Not found on Microsoft Academic
24187690	In response.	2013	Anesthesia And Analgesia	Cho, Ah-Reum; Kwon, Jae-Young; Kim, Choongrak		Y		Not found on Microsoft Academic
24186470	The influence of anesthesia and pain management on cognitive dysfunction after joint arthroplasty: a systematic review.	2014	Clinical Orthopaedics And Related Research	Zywiel, Michael G; Prabhu, Atul; Perruccio, Anthony V; Gandhi, Rajiv		Y		45
24183904	Current era minimally invasive aortic valve replacement: techniques and practice.	2014	The Journal Of Thoracic And Cardiovascular Surgery	Malaisrie, S Chris; Barnhart, Glenn R; Farivar, R Saeid; Mehall, John; Hummel, Brian; Rodriguez, Evelio; Anderson, Mark; Lewis, Clifton; Hargrove, Clark; Alawadi, Gorav; Goldman, Scott; Khan, Junaid; Moront, Michael; Grossi, Eugene; Roselli, Eric E; Agnihotri, Arvind; Mack, Michael J; Smith, J Michael; Thourani, Vinod H; Duhay, Francis G; Kocis, Mark T; Ryan, William H		Y		53
24182727	Patients with chronic pain.	2013	The Medical Clinics Of North America	Salama-Hanna, Joseph; Chen, Grace	Y			10
24170528	Epidural analgesia in labour and neonatal respiratory distress: a case-control study.	2014	Archives Of Disease In Childhood. Fetal And Neonatal Edition	Kumar, Manoj; Chandra, Sue; Ijaz, Zainab; Senthilselvan, Ambikaipakan				7
24163093	Intraarticular analgesia versus epidural plus femoral nerve block after TKA: a randomized, double-blind trial.	2014	Clinical Orthopaedics And Related Research	Reinhardt, Keith R; Duggal, Shivi; Umnuna, Ben-Paul; Reinhardt, Gregory A; Nam, Denis; Alexiades, Michael; Cornell, Charles N		Y		17
24158050	Factors associated with postoperative exacerbation of sleep-disordered breathing.	2014	Anesthesiology	Chung, Frances; Liao, Pu; Elsaïd, Hisham; Shapiro, Colin M; Kang, Weimin				54
24150476	Risks associated with opioid use.	2013	JAMA	Portenoy, Russell K	Y			0
24149580	A randomized controlled trial of the efficacy and respiratory effects of patient-controlled intravenous remifentanil analgesia and patient-controlled epidural analgesia in laboring women.	2014	Anesthesia And Analgesia	Stocki, Daniel; Matot, Idit; Einav, Sharon; Evenov-Friedman, Smadar; Ginosar, Yehuda; Weiniger, Carolyn F				40
24129447	FDA tightens indications for using long-acting and extended-release opioids to treat chronic pain.	2013	JAMA	Kuehn, Bridget M		Y		6
24120973	Clinical care for opioid-using pregnant and postpartum women: the role of obstetric providers.	2014	American Journal Of Obstetrics And Gynecology	Jones, Hendree E; Deppen, Krisanna; Hudak, Mark L; Leffert, Lisa; McClelland, Carol; Sahin, Leyla; Starer, Jacqueline; Terplan, Mishka; Thorp, John M Jr; Walsh, James; Creanga, Andrea A		Y		41
24114811	Phase 1b, multicenter, single blinded, placebo-controlled, sequential dose escalation study to assess the safety and tolerability of topically applied AG013 in subjects with locally advanced head and neck cancer receiving induction chemotherapy.	2013	Cancer	Limaye, Sewanti Atul; Haddad, Robert I; Cilli, Fiona; Sonis, Stephen T; Colevas, A Dimitrios; Brennan, Michael T; Hu, Kenneth S; Murphy, Barbara A	Y			47
24104703	Opioid requirement, opioid receptor expression, and clinical outcomes in patients with advanced prostate cancer.	2013	Cancer	Zylla, Dylan; Gourley, Brett L; Vang, Derek; Jackson, Scott; Boatman, Sonja; Lindgren, Bruce; Kuskowski, Michael A; Le, Chap; Gupta, Kalpana; Gupta, Pankaj		Y		62
24096762	Impact of epidural analgesia on mortality and morbidity after surgery: systematic review and meta-analysis of randomized controlled trials.	2014	Annals Of Surgery	Popping, Daniel M; Elia, Nadia; Van Aken, Hugo K; Marret, Emmanuel; Schug, Stephan A; Krane, Peter; Wenz, Manuel; Tramer, Martin R				160
24095005	Comparison of local anesthetic efficacy of tramadol hydrochloride (with adrenaline) versus plain tramadol hydrochloride in the extraction of upper molar teeth.	2013	Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Al-Haideri, Yahya A A		Y		13
24084922	Chronic use of opioid medications before and after bariatric surgery.	2013	JAMA	Raebel, Marsha A; Newcomer, Sophia R; Reifler, Liza M; Boudreau, Denise; Elliott, Thomas E; DeBar, Lynn; Ahmed, Ameena; Pawloski, Pamala A; Fisher, David; Donahoo, W Troy; Bayliss, Elizabeth A	Y			72
24084920	Weighing in on opioids for chronic pain: the barriers to change.	2013	JAMA	Alford, Daniel P		Y		6
24084743	Pharmacological agents currently in clinical trials for disorders in neurogastroenterology.	2013	The Journal Of Clinical Investigation	Camilleri, Michael		Y		24
24081665	Can regional anesthesia and analgesia prolong cancer survival after orthopaedic oncologic surgery?	2014	Clinical Orthopaedics And Related Research	Cata, Juan P; Hernandez, Mike; Lewis, Valerae O; Kurz, Andrea		Y		28
24074429	Peroral endoscopic myotomy: A short-term comparison with the standard laparoscopic approach.	2013	Surgery	Ujiki, Michael B; Yetasook, Amy K; Zapf, Matthew; Linn, John G; Carbray, Joann M; Denham, Woody		Y		78

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24071616	Ultrasound-guided multilevel paravertebral blocks and total intravenous anesthesia improve the quality of recovery after ambulatory breast tumor resection.	2014	Anesthesiology	Abdallah, Faraj W; Morgan, Pamela J; Cil, Tulin; McNaught, Andrew; Escallon, Jaime M; Semple, John L; Wu, Wei; Chan, Vincent W					50
24071615	Antihyperalgesic/antinociceptive effects of ceftizoxime and its synergistic interactions with different analgesics in inflammatory pain in rodents.	2014	Anesthesiology	Stepanovic-Petrovic, Radica M; Micov, Ana M; Tomic, Maja A; Kovacevic, Jovana M; Boskovic, Bogdan D					20
24071376	Nicardipine infusion for hypotensive anesthesia during orthognathic surgery has protective effect on renal function.	2014	Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Kim, Ji Eun; Lee, Jong Seok; Kim, Mi Kyeong; Kim, Seung Hyun; Kim, Ji Young					6
24068670	Inhibition of NF-kappaB by opioids in T cells.	2013	Journal Of Immunology (Baltimore, Md. : 1950)	Borner, Christine; Kraus, Jurgen					Not found on Microsoft Academic
24067833	Opioid-induced neurotoxicity.	2013	The American Journal Of Nursing	Matzo, Marianne; Dawson, Katherine A			Y		2
24062370	Association of race and ethnicity with management of abdominal pain in the emergency department.	2013	Pediatrics	Johnson, Tiffani J; Weaver, Matthew D; Borrero, Sonya; Davis, Esra M; Myaskovsky, Larissa; Zuckerbraun, Noel S; Kraemer, Kevin L			Y		40
24057951	Sevoflurane and its role in the development of chronic postsurgical pain: where is the smoking gun?	2013	Anesthesia And Analgesia	Corris, Rachel; Chou, Jason; Riedel, Bernhard; Collins, Marnie			Y		0
24055279	Endogenous regulation of visceral pain via production of opioids by colitogenic CD4(+) T cells in mice.	2014	Gastroenterology	Boue, Jerome; Basso, Lillian; Cenac, Nicolas; Blan pied, Catherine; Rolli-Derkinderen, Malvynne; Neunlist, Michel; Vergnolle, Nathalie; Dietrich, Gilles					34
24051747	Multilayer cell-seeded polymer nanofiber constructs for soft-tissue reconstruction.	2013	JAMA Otolaryngology-- Head & Neck Surgery	Barker, Daniel A; Bowers, Daniel T; Hughey, Brian; Chance, Elizabeth W; Klembczyk, Kevin J; Brayman, Kenneth L; Park, Stephen S; Botchwey, Edward A					5
24048307	Friends, doctors, and tramadol: we might have a problem.	2013	BMJ (Clinical Research Ed.)	Winstock, Adam; Bell, James; Borschmann, Rohan					4
24048304	Wanted: national regulatory monitoring system for long term opioid prescription.	2013	BMJ (Clinical Research Ed.)	Stewart, Gordon; Basler, Michael H			Y		2
24044396	Remifentanil PCA in labour.	2013	Anaesthesia	Daly, O; Kelly, K P; McCormack, J G; Heidermann, B H			Y		0
24044387	A randomised comparison of lidocaine 2% gel and proparacaine 0.5% eye drops in paediatric squint surgery.	2013	Anaesthesia	Sinha, R; Chandrasekha, Batra, M; Ray, B R; Mohan, V K; Saxena, R			Y		7
24035305	Total muscle-sparing uniportal video-assisted thoracoscopic surgery lobectomy.	2013	The Annals Of Thoracic Surgery	Tam, John K C; Lim, Kee Siang			Y		15
24030791	FDA to tighten labeling on long acting opioids.	2013	BMJ (Clinical Research Ed.)	McCarthy, Michael			Y		1
24028230	OxyContin use on a rural midwest American Indian reservation: demographic correlates and reasons for using.	2013	American Journal Of Public Health	Momper, Sandra L; Delva, Jorge; Tauiiliili, Debbie; Mueller-Williams, Amelia Cromwell; Goral, Patricia			Y		6
24008921	Moderate hyperventilation during intravenous anesthesia increases net cerebral lactate efflux.	2014	Anesthesiology	Grune, Frank; Kazmaier, Stephan; Sonntag, Hans; Stolker, Robert Jan; Weyland, Andreas					6
24008186	Opioid withdrawal signs and symptoms in children: frequency and determinants.	2013	Heart & Lung : The Journal Of Critical Care	Fisher, Deborah; Grap, Mary Jo; Younger, Janet B; Ameringer, Suzanne; Elswick, R K			Y		18
24005579	The Frey procedure for chronic pancreatitis secondary to pancreas divisum.	2013	JAMA Surgery	Pappas, Sam G; Pilgrim, Charles H C; Keim, Rebecca; Harris, Rachel; Wilson, Stuart; Turaga, Kiran; Tsai, Susan; Dua, Kulwinder; Khan, Abdul; Oh, Young; Gamblin, T Clark; Christians, Kathleen			Y		3
23993224	Does ketorolac have a preemptive analgesic effect? A randomized, double-blind, control study.	2013	Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Getta, Rajesh; Koehn, Christopher R; James, Laura E			Y		7
23975721	Is it farewell to codeine?	2013	Archives Of Disease In Childhood	Anderson, Brian J			Y		13
23969801	Enhanced recovery in gynecologic surgery.	2013	Obstetrics And Gynecology	Kalogeris, Eleftheria; Bakkum-Gomez, Jamie N; Jankowski, Christopher J; Trabuco, Emanuel; Lovely, Jenna K; Dhanorkar, Sarah; Grubbs, Pamela L; Weaver, Amy L; Haas, Lindsey R; Borah, Bijan J; Bursiek, April A; Walsh, Michael T; Cliby, William A; Dowdy, Sean C					94
23968749	Diagnostic testing and treatment of pediatric headache in the emergency department.	2013	The Journal Of Pediatrics	Sheridan, David C; Meckler, Garth D; Spiro, David M; Koch, Thomas K; Hansen, Matthew L			Y		25
23965696	Nerve block of the infrapatellar branch of the saphenous nerve in knee arthroscopy: a prospective, double-blinded, randomized, placebo-controlled trial.	2013	The Journal Of Bone And Joint Surgery. American Volume	Hsu, Lawrence P; Oh, Sanders; Nuber, Gordon W; Doty, Robert Jr; Kendall, Mark C; Gryzlo, Stephen; Nader, Antoun			Y		24
23959213	Pain and opioid use in chronic liver disease: optimal treatment must address the mental health care needs of the patient.	2013	Digestive Diseases And Sciences	Loftis, Jennifer M; Hauser, Peter			Y		3

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23958818	Population pharmacokinetic modeling of hydromorphone in cardiac surgery patients during postoperative pain therapy.	2014	Anesthesiology	Jelezcov, Christian; Saari, Teijo I; Ihmsen, Harald; Mell, Jan; Frohlich, Katharina; Krajinovic, Ljubica; Fechner, Jorg; Schuttler, Jurgen			8
23955193	Postoperative opioid administration inhibits bone healing in an animal model.	2013	Clinical Orthopaedics And Related Research	Chrastil, Jesse; Sampson, Christopher; Jones, Kevin B; Higgins, Thomas F	Y		25
23951692	Comparison between dexmedetomidine and remifentanil for controlled hypotension and recovery in endoscopic sinus surgery.	2013	The Annals Of Otology, Rhinology, And Laryngology	Lee, Jungah; Kim, Yongshin; Park, Chansoon; Jeon, Yeonsu; Kim, Daewoo; Joo, Jinduk; Kang, Hyerim	Y		14
23950198	Opioids in the UK: what's the problem?	2013	BMJ (Clinical Research Ed.)	Stannard, Cathy	Y		46
23948745	Being judge and jury: a new skill for emergency physicians.	2013	Annals Of Emergency Medicine	Hoppe, Jason; Perrone, Jeanmarie; Nelson, Lewis S	Y		5
23948362	Narcotic prescribing habits and other methods of pain control by oral and maxillofacial surgeons after impacted third molar removal.	2013	Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Mutlu, Ibrahim; Abubaker, A Omar; Laskin, Daniel M	Y		28
23939498	Pharmacologic therapy for acute pain.	2013	American Family Physician	Blondell, Richard D; Azadfar, Mohammadreza; Wisniewski, Angela M	Y		32
23934412	Diagnostic stringency and healthcare needs in patients with biliary dyskinesia.	2013	Digestive Diseases And Sciences	Aggarwal, Nitin; Bielefeldt, Klaus	Y		5
23933900	Risks, management, and monitoring of combination opioid, benzodiazepines, and/or alcohol use.	2013	Postgraduate Medicine	Gudin, Jeffrey A; Mogali, Shanthi; Jones, Jermaine D; Comer, Sandra D	Y		81
23928707	Single-injection or continuous femoral nerve block for total knee arthroplasty?	2014	Clinical Orthopaedics And Related Research	Albrecht, Eric; Morley, Dorothea; Chan, Vincent; Gandhi, Rajiv; Koskin, Arkadiy; Chin, Ki Jinn; Robinson, Sylvie; Frascaro, Philippe; Brull, Richard	Y		20
23928652	Identification of a novel spinal dorsal horn astroglial D-amino acid oxidase-hydrogen peroxide pathway involved in morphine antinociceptive tolerance.	2014	Anesthesiology	Gong, Nian; Li, Xin-Yan; Xiao, Qi; Wang, Yong-Xiang			18
23922249	Current practices regarding codeine administration among pediatricians and pediatric subspecialists.	2014	Clinical Pediatrics	Cartabuke, Richard S; Tobias, Joseph D; Taghon, Thomas; Rice, Julie	Y		16
23921857	Prophylactic compared with therapeutic ibuprofen analgesia in first-trimester medical abortion: a randomized controlled trial.	2013	Obstetrics And Gynecology	Raymond, Elizabeth G; Weaver, Mark A; Louie, Karmen S; Dean, Gillian; Porsch, Lauren; Lichtenberg, E Steve; Ali, Rose; Arnesen, Michelle			11
23921652	The efficacy of 2 doses of epidural morphine for postcesarean delivery analgesia: a randomized noninferiority trial.	2013	Anesthesia And Analgesia	Singh, Sudha I; Rehou, Sarah; Marmai, Kristine L; Jones, Philip M			16
23921089	A randomized trial comparing metallic and absorbable staples for closure of a Pfannenstiel incision for cesarean delivery.	2013	American Journal Of Obstetrics And Gynecology	Feese, Catherine A; Johnson, Steven; Jones, Emily; Lambers, Donna S	Y		4
23905820	Tonsillectomy and adenoidectomy.	2013	Pediatric Clinics Of North America	Ramos, Sharon D; Mukerji, Shraddha; Pine, Harold S	Y		31
23903521	Operative management of refractory neuropathic inguinodynia by a laparoscopic retroperitoneal approach.	2013	JAMA Surgery	Chen, David C; Hiatt, Jonathan R; Amid, Parviz K	Y		54
23897505	Continuous adductor canal blocks are superior to continuous femoral nerve blocks in promoting early ambulation after TKA.	2014	Clinical Orthopaedics And Related Research	Mumbai, Seshadri C; Kim, T Edward; Howard, Steven K; Workman, J Justin; Giori, Nicholas; Woolson, Steven; Ganaway, Toni; King, Robert; Mariano, Edward R	Y		67
23896698	Worsening trends in the management and treatment of back pain.	2013	JAMA Internal Medicine	Mafi, John N; McCarthy, Ellen P; Davis, Roger B; Landon, Bruce E			158
23861422	Prescribe opioids for chronic non-cancer pain with care for the sake of patients and the community.	2013	BMJ (Clinical Research Ed.)	Holliday, Simon M; Dobbin, Malcolm D H	Y		0
23861421	Don't forget about constipation with opioid treatment of chronic non-cancer pain.	2013	BMJ (Clinical Research Ed.)	Ford, Alexander C; Brenner, Darren M; Schoenfeld, Philip S	Y		0
23857316	Continuous femoral nerve block using 0.125% bupivacaine does not prevent early ambulation after total knee arthroplasty.	2014	Clinical Orthopaedics And Related Research	Beebe, Michael J; Allen, Rachel; Anderson, Mike B; Swenson, Jeffrey D; Peters, Christopher L	Y		9
23828808	What to do when pain and addiction coexist.	2013	The Journal Of Family Practice	Savage, Seddon R	Y		1
23851346	Cyclosporine-inhibitable blood-brain barrier drug transport influences clinical morphine pharmacodynamics.	2013	Anesthesiology	Meissner, Konrad; Avram, Michael J; Yermolenko, Viktar; Francis, Amber M; Blood, Jane; Kharasch, Evan D			13
23849618	Clinician impression versus prescription drug monitoring program criteria in the assessment of drug-seeking behavior in the emergency department.	2013	Annals Of Emergency Medicine	Weiner, Scott G; Griggs, Christopher A; Mitchell, Patricia M; Langlois, Breanne K; Friedman, Franklin D; Moore, Rebecca L; Lin, Shuo Cheng; Nelson, Kerrie P; Feldman, James A	Y		51
23844431	In response.	2013	Anesthesia And Analgesia	Gorgeat, Alain	Y	Not found on Microsoft Academic	
23842193	Death or neurologic injury after tonsillectomy in children with a focus on obstructive sleep apnea: houston, we have a problem!	2014	Anesthesia And Analgesia	Cote, Charles J; Posner, Karen L; Domino, Karen B		72	
23836720	Opioid overdose deaths rose fivefold among US women in 10 years.	2013	BMJ (Clinical Research Ed.)	McCarthy, Michael	Y		4

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23835590	Intrathecal gabapentin to treat chronic intractable noncancer pain.	2013	Anesthesiology	Rauck, Richard; Coffey, Robert J; Schultz, David M; Wallace, Mark S; Webster, Lynn R; McCarville, Sally E; Grigsby, Eric J; Page, Linda M	Y				16
23789738	A comparison of pre-operative nerve stimulator-guided femoral nerve block and fascia iliaca compartment block in patients with a femoral neck fracture.	2013	Anaesthesia	Newman, B; McCarthy, L; Thomas, P W; May, P; Layzell, M; Horn, K	Y				36
23783203	Rates of prescription opiate use before and after injury in patients with orthopaedic trauma and the risk factors for prolonged opiate use.	2013	The Journal Of Bone And Joint Surgery. American Volume	Holman, Joel E; Stoddard, Gregory J; Higgins, Thomas F					42
23775718	Mast cell activation contributes to sickle cell pathobiology and pain in mice.	2013	Blood	Vincent, Lucile; Vang, Derek; Nguyen, Julia; Gupta, Mihir; Luk, Kathryn; Ericson, Marna E; Simone, Donald A; Gupta, Kalpana	Y				79
23770599	Assessing the utility of the utility function.	2013	Anesthesiology	Kharasch, Evan D; Rosow, Carl E		Y			4
23760519	Ultrasound-guided bilateral rectus sheath block vs local anesthetic infiltration after pediatric umbilical hernia repair: a prospective randomized clinical trial.	2013	JAMA Surgery	Dingeman, R Scott; Barus, Lindsay M; Chung, Hyun Kee; Clendenin, David J; Lee, Christopher S; Tracy, Sarah; Johnson, Victor M; Dennett, Kate V; Zurakowski, David; Chen, Catherine		Y			23
23756452	Fentanyl utility function: a risk-benefit composite of pain relief and breathing responses.	2013	Anesthesiology	Boom, Merel; Olofsen, Erik; Neukirchen, Meike; Fussen, Rene; Hay, Justin; Groeneveld, Geert Jan; Arts, Leon; Sarton, Elise; Dahan, Albert					12
23744953	The analgesic efficacy of subcostal transversus abdominis plane block compared with thoracic epidural analgesia and intravenous opioid analgesia after radical gastrectomy.	2013	Anesthesia And Analgesia	Wu, Yiqian; Liu, Ful; Tang, Hongli; Wang, Quanguang; Chen, Limei; Wu, Hui; Zhang, Xuezheng; Miao, Jianxia; Zhu, Meizhen; Hu, Chenggang; Goldsworthy, Mark; You, Jing; Xu, Xuzhong					61
23743472	Postoperative gum chewing after gynecologic laparoscopic surgery: a randomized controlled trial.	2013	Obstetrics And Gynecology	Husslein, Heinrich; Franz, Maximilian; Gutsch, Martina; Worda, Christof; Polterauer, Stephan; Leipold, Heinz		Y			16
23733799	Successful implementation of a neonatal pain and sedation protocol at 2 NICUs.	2013	Pediatrics	Deindl, Philipp; Unterasinger, Lukas; Kappler, Gregor; Werther, Tobias; Czaba, Christine; Giordano, Vito; Frantai, Sophie; Berger, Angelika; Pollak, Arnold; Olschar, Monika		Y			20
23719636	Opioids for chronic non-cancer pain.	2013	BMJ (Clinical Research Ed.)	Freynhagen, Rainer; Geisslinger, Gerd; Schug, Stephan A					34
23714839	Tramadol as a local anesthetic: prospects for use in oncological day surgery.	2013	Plastic And Reconstructive Surgery	Passavanti, Maria B; Grella, Elisa; Pace, Maria C; Di Gennaro, Terasa L; Aurilio, Caterina		Y			0
23709079	Mean versus median in tables and figures.	2013	Anesthesia And Analgesia	Joseph, Tim Thomas; Mathew, Shaji; Ajmad, Abdul Samad; Ballal, Kirthinath Neri, Elena; Maestro, Alessandra; Minen, Federico; Montico, Marcella; Ronfani, Luca; Zanon, Davide; Favret, Anna; Messi, Gianni; Barbi, Egidio		Y			0
23702435	Sublingual ketorolac versus sublingual tramadol for moderate to severe post-traumatic bone pain in children: a double-blind, randomised, controlled trial.	2013	Archives Of Disease In Childhood	Chang, Andrew K; Bijur, Polly E; Lupow, Jason B; Gallagher, E John		Y			17
23694801	Randomized clinical trial of the 2 mg hydromorphone bolus protocol versus the "1+1" hydromorphone titration protocol in treatment of acute, severe pain in the first hour of emergency department presentation.	2013	Annals Of Emergency Medicine	Ramsey, Sophie		Y			8
23687098	Opioids for back pain are linked to increased risk of erectile dysfunction.	2013	BMJ (Clinical Research Ed.)	van den Anker, Johannes N		Y			1
23683745	Treating pain in newborn infants: navigating between Scylla and Charybdis.	2013	The Journal Of Pediatrics	Harris, KaLyne; Curtis, Julia; Larsen, Brooke; Calder, Scott; Duffy, Keith; Bowen, Glen; Hadley, Michael; Tristani-Firoozy, Payam		Y			4
23682368	Opioid pain medication use after dermatologic surgery: a prospective observational study of 212 dermatologic surgery patients.	2013	JAMA Dermatology	Farag, Ehab; Ghobrial, Michael; Sessler, Daniel I; Dalton, Jarrod E; Liu, Jinbo; Lee, Jae H; Zaky, Sherif; Benzel, Edward; Bingaman, William; Kurz, Andrea		Y			54
23681143	Effect of perioperative intravenous lidocaine administration on pain, opioid consumption, and quality of life after complex spine surgery.	2013	Anesthesiology	Pagnano, Mark W		Y			55
23677362	Intra-articular infusion with bupivacaine decreased pain and opioid consumption after total knee arthroplasty.	2013	The Journal Of Bone And Joint Surgery. American Volume	De Oliveira, Gildasio S Jr; Castro-Alves, Lucas J; Khan, Jamil H; McCarthy, Robert J		Y			0
23669270	Perioperative systemic magnesium to minimize postoperative pain: a meta-analysis of randomized controlled trials.	2013	Anesthesiology	Koh, In Jun; Chang, Chong Bum; Lee, Jung Ha; Jeon, Young-Tae; Kim, Tae Kyun					67
23645340	Preemptive low-dose dexamethasone reduces postoperative emesis and pain after TKA: a randomized controlled study.	2013	Clinical Orthopaedics And Related Research	Sluka, Kathleen A; Bjordal, Jan M; Marchand, Serge; Rakel, Barbara A		Y			39
23641031	What makes transcutaneous electrical nerve stimulation work? Making sense of the mixed results in the clinical literature.	2013	Physical Therapy	El Hachem, Lena; Acholou, Uchenna C Jr; Nezhat, Farr R					53
23635617	Postoperative pain and recovery after conventional laparoscopy compared with robotically assisted laparoscopy.	2013	Obstetrics And Gynecology			Y			14

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23635614	Prevention of postlaparoscopic shoulder and upper abdominal pain: a randomized controlled trial.	2013	Obstetrics And Gynecology	Tsai, Hsiao-Wen; Wang, Peng-Hui; Yen, Ming-Shyen; Chao, Kuan-Chong; Hsu, Teh-Fu; Chen, Yi-Jen					23
23632672	Analgesia after total knee replacement: local infiltration versus epidural combined with a femoral nerve blockade: a prospective, randomised pragmatic trial.	2013	The Bone & Joint Journal	Yadeau, J T; Goytizolo, E A; Padgett, D E; Liu, S S; Mayman, D J; Ranawat, A S; Rade, M C; Westrich, G H	Y				21
23632057	The facilitatory effects of intravenous dexmedetomidine on the duration of spinal anaesthesia: a systematic review and meta-analysis.	2013	Anesthesia And Analgesia	Abdallah, Faraj W; Abrishami, Amir; Brull, Richard					29
23628190	Perioperative celecoxib decreases opioid use in patients undergoing testicular surgery: a randomized, double-blind, placebo controlled trial.	2013	The Journal Of Urology	Mehta, Akanksha; Hsiao, Wayland; King, Peggy; Schlegel, Peter N					6
23619173	Effects of volatile anesthetic choice on hospital length-of-stay: a retrospective study and a prospective trial.	2013	Anesthesiology	Kopyeva, Tatyana; Sessler, Daniel I; Weiss, Stephanie; Dalton, Jarrod E; Mascha, Edward J; Lee, Jae H; Kiran, Ravi P; Udeh, Belinda; Kurz, Andrea					13
23614474	New evidence about an old drug--risk with codeine after adenotonsillectomy.	2013	The New England Journal Of Medicine	Racoosin, Judith A; Roberson, David W; Pacanowski, Michael A; Nielsen, David R			Y		58
23583433	Eluxadoline benefits patients with irritable bowel syndrome with diarrhea in a phase 2 study.	2013	Gastroenterology	Dove, Leonard S; Lembo, Anthony; Randall, Charles W; Fogel, Ronald; Andrae, David; Davenport, J Michael; McIntyre, Gail; Almenoff, June S; Covington, Paul S					81
23582138	Efficacy and safety of continuous infusion of fentanyl for pain control in preterm newborns on mechanical ventilation.	2013	The Journal Of Pediatrics	Ancora, Gina; Lago, Paola; Garetti, Elisabetta; Pirelli, Anna; Merazzi, Daniela; Mastroloca, Maura; Pierantoni, Luca; Faldella, Giacomo					30
23574118	An fMRI-based neurologic signature of physical pain.	2013	The New England Journal Of Medicine	Wager, Tor D; Atlas, Lauren Y; Lindquist, Martin A; Roy, Mathieu; Woo, Choong-Wan; Kross, Ethan			Y		493
23567867	Guidelines for opioid prescription: the devil is in the details.	2013	Annals Of Internal Medicine	Rosenau, Alex M			Y		5
23567824	Guidelines for opioid prescription: why emergency physicians need support.	2013	Annals Of Internal Medicine	Kunins, Hillary V; Farley, Thomas A; Dowell, Deborah			Y		18
23561465	Emergency provider analgesic practices and attitudes toward patients with sickle cell disease.	2013	Annals Of Emergency Medicine	Glassberg, Jeffrey A; Tanabe, Paula; Chow, Annie; Harper, Katrina; Haywood, Carlton Jr; DeBauw, Michael R; Richardson, Lynne D			Y		31
23558845	Nonsteroidal anti-inflammatory drugs during pregnancy and the initiation of lactation.	2013	Anesthesia And Analgesia	Bloor, Melanie; Paech, Michael					49
23558843	Brief report: perioperative analgesic efficacy and plasma concentrations of S(+)-ketamine in continuous epidural infusion during thoracic surgery.	2013	Anesthesia And Analgesia	Feltracco, Paolo; Barbieri, Stefania; Rizzi, Stefano; Ori, Carlo; Groppa, Francesca; De Rosa, Giovanni; Frigo, Anna Chiara; Padrini, Roberto					Not found on Microsoft Academic
23558833	Intrathecal pain pump infusions for intractable cancer pain: an algorithm for dosing without a neuraxial trial.	2013	Anesthesia And Analgesia	Malhotra, Vivek Tim; Root, James; Kesselbrenner, Joseph; Njoku, Innocent; Cubert, Kenneth; Gulati, Amitabh; Puttanniah, Vinay; Blsky, Mark; Kaplitt, Michael			Y		16
23543417	Scheduled analgesic regimen improves rehabilitation after hip fracture surgery.	2013	Clinical Orthopaedics And Related Research	Chin, Raymond Ping-Hong; Ho, Chin-Hung; Cheung, Lydia Po-Chee			Y		15
23542298	The clinical conundrum of perioperative pain management in patients with opioid dependence: lessons from two cases.	2013	Plastic And Reconstructive Surgery	Israel, Jacqueline S; Poore, Samuel O			Y		7
23541629	Centering the pendulum: the evolution of emergency medicine opioid prescribing guidelines.	2013	Annals Of Emergency Medicine	Weiner, Scott G; Perrone, Jeanmarie; Nelson, Lewis S			Y		15
23534126	Dexmedetomidine versus morphine or fentanyl in the management of children after tonsillectomy and adenoidectomy: a meta-analysis of randomized controlled trials.	2013	The Annals Of Otology, Rhinology, And Laryngology	He, Xing-Ying; Cao, Jian-Ping; Shi, Xue-Yin; Zhang, Hao					11
23524965	The TGR5 receptor mediates bile acid-induced itch and analgesia.	2013	The Journal Of Clinical Investigation	Alemi, Farzad; Kwon, Edwin; Poole, Daniel P; Lieu, TinaMarie; Lyo, Victoria; Cattaruzza, Fiore; Cevikbas, Ferda; Steinhoff, Martin; Nassini, Romina; Materazzi, Serena; Guerrero-Alba, Raquel; Valdez-Morales, Eduardo; Cottrell, Graeme S; Schoonjans, Kristina; Geppetti, Pierangelo; Vanher, Stephen J; Bunnett, Nigel W; Corvera, Carlos U					143
23520591	Steering patients to relief from chronic low back pain: opioids' role.	2013	The Journal Of Family Practice	Chou, Roger			Y		5
23520590	How to avoid opioid misuse.	2013	The Journal Of Family Practice	Potter, Jennifer Sharpe; Marino, Elise N			Y		3
23516162	Bad medicine: co-codamol.	2013	BMJ (Clinical Research Ed.)	Spence, Des			Y		4
23516031	Periarticular injection in knee arthroplasty improves quadriceps function.	2013	Clinical Orthopaedics And Related Research	Chaumeron, Arnaud; Audy, Daniel; Drolez, Pierre; Lavigne, Martin; Vendittoli, Pascal-Andre			Y		45
23512406	Pain and opioid use in chronic liver disease.	2013	Digestive Diseases And Sciences	Rogal, Shari S; Winger, Daniel; Bielefeldt, Klaus; Szegedy, Eva			Y		24
23512037	FDA: No codeine after tonsillectomy for children.	2013	JAMA	Kuehn, Bridget M			Y		31

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23503369	Modeling the influence of the A118G polymorphism in the OPRM1 gene and of noxious stimulation on the synergistic relation between propofol and remifentanil: sedation and analgesia in endoscopic procedures.	2013	Anesthesiology	Borrat, Xavier; Troconiz, Inaki F; Valencia, Jose F; Rivadulla, Silvia; Sendino, Oriol; Llach, Josep; Munoz Jenifer, Castellvi-Bel, Sergi; Jospin, Mathieu; Jensen, Erik W; Castells, Antoni; Gambus, Pedro L			Y		15
23488520	Playing through pain: sports participation and nonmedical use of opioid medications among adolescents.	2013	American Journal Of Public Health	Veilz, Philip T; Boyd, Carol; McCabe, Sean E			Y		20
23480696	Pre-emptive triple analgesia protocol for tonsillectomy pain control in children: double-blind, randomised, controlled, clinical trial.	2013	The Journal Of Laryngology And Otology	EI-Fattah, A M A; Ramzy, E			Y		8
23477962	Regional scalp block for postcraniotomy analgesia: a systematic review and meta-analysis.	2013	Anesthesia And Analgesia	Guilfoyle, Mathew R; Helmy, Adel; Duane, Derek; Hutchinson, Peter J A			Y		42
23467861	Early postoperative analgesic effects of a single epidural injection of ropivacaine administered preoperatively in posterior lumbar interbody spinal arthrodesis: a pilot randomized controlled trial.	2013	The Journal Of Bone And Joint Surgery. American Volume	Kang, Hyun; Jung, Ho Joong; Lee, Jae Sung; Yang, Jae Jun; Shin, Hwa Yong; Song, Kwang-Sup			Y		7
23462788	Chronic back pain with possible prescription opioid misuse.	2013	JAMA	Alford, Daniel P			Y		21
23462783	Improving opioid prescribing: the New York City recommendations.	2013	JAMA	Juurink, David N; Dhalla, Irfan A; Nelson, Lewis S			Y		28
23460574	Occurrence of rapid eye movement sleep deprivation after surgery under regional anesthesia.	2013	Anesthesia And Analgesia	Dette, Frank; Cassel, Werner; Urban, Friederike; Zoremba, Martin; Koehler, Ulrich; Wulf, Hinnerk; Graf, Jurgen; Steinfeldt, Thorsten			Y		8
23456496	Cholecystectomy and clinical presentations of gastroparesis.	2013	Digestive Diseases And Sciences	Parkman, Henry P; Yates, Katherine; Hasler, William L; Nguyen, Linda; Pasricha, Pankaj J; Snape, William J; Farrugia, Gianrico; Koch, Kenneth L; Calles, Jorge; Abell, Thomas L; Sarosiek, Irene; McCallum, Richard W; Lee, Linda; Ulalp-Arida, Aynur; Tonascia, James; Hamilton, Frank			Y		14
23443901	Randomized clinical trial of subcutaneous versus interfascial bupivacaine for pain control after midline laparotomy.	2013	The British Journal Of Surgery	Khorgami, Z; Shoar, S; Hosseini Araghi, N; Mollahosseini, F; Nasiri, S; Ghaffari, M H; Aminian, A			Y		7
23430331	Assessment and management of renal colic.	2013	BMJ (Clinical Research Ed.)	Manjunath, Aditya; Skinner, Richard; Probert, John			Y		7
23414718	Opioids for chronic pain: new evidence, new strategies, safe prescribing.	2013	The American Journal Of Medicine	de Leon-Casasola, Oscar A			Y		43
23414717	The effect of opioid therapy on endocrine function.	2013	The American Journal Of Medicine	Brennan, Michael J			Y		63
23408672	Preventive analgesia by local anesthetics: the reduction of postoperative pain by peripheral nerve blocks and intravenous drugs.	2013	Anesthesia And Analgesia	Barreveld, Antje; Witte, Jurgen; Chahal, Harkirat; Durieux, Marcel E; Strichartz, Gary			Y		77
23407105	Effects of naloxone on opioid-induced hyperalgesia and tolerance to remifentanil under sevoflurane anesthesia in rats.	2013	Anesthesiology	Aguado, Delia; Abreu, Mariana; Benito, Javier; Garcia-Fernandez, Javier; Gomez de Segura, Ignacio A			Y		22
23400991	The effects of anesthetics on chronic pain after breast cancer surgery.	2013	Anesthesia And Analgesia	Cho, Ah-Reum; Kwon, Jae-Young; Kim, Kyung-Hoon; Lee, Hyeon-Jeong; Kim, Hae-Kyu; Kim, Eun-Soo; Hong, Jung-Min; Kim, Choongrak			Y		28
23400985	A randomized controlled comparison of epidural analgesia and combined spinal-epidural analgesia in a private practice setting: pain scores during first and second stages of labor and at delivery.	2013	Anesthesia And Analgesia	Gambling, David; Berkowitz, Jonathan; Farrell, Thomas R; Pue, Alex; Shay, Dennis			Y		44
23400975	The response of the composite variability index to a standardized noxious stimulus during propofol-remifentanil anesthesia.	2013	Anesthesia And Analgesia	Ellermann, Richard Klaus; Grass, Annekathrin; Hoeft, Andreas; Soehle, Martin			Y		24
23397315	Is pain after TKA better with periaricular injection or intrathecal morphine?	2013	Clinical Orthopaedics And Related Research	Tammachote, Nattapol; Kanitnate, Supakit; Manuwong, Sudsayam; Yakumpor, Thanasak; Panichkul, Phonthakorn			Y		26
23392746	Endoscopic minor papilla sphincterotomy in patients with santoriniceles reduces pain and improves quality of life.	2013	Digestive Diseases And Sciences	Lutzak, Gregory D; Gluck, Michael; Ross, Andrew S; Kozarek, Richard A			Y		6
23391677	Primary care considerations of the pharmacokinetics and clinical use of extended-release opioids in treating patients with chronic noncancer pain.	2013	Postgraduate Medicine	Nicholson, Bruce			Y		6
23385275	Opioid analgesics for rheumatoid arthritis pain.	2013	JAMA	Whittle, Samuel L; Richards, Bethan L; Buchbinder, Rachelle			Y		13
23382441	A paradigm shift to balance safety and quality in pediatric pain management.	2013	Pediatrics	Avansino, Jeffrey R; Peters, Lisa M; Stockfish, Shellie L; Walco, Gary A			Y		5
23374416	A performance improvement prescribing guideline reduces opioid prescriptions for emergency department dental pain patients.	2013	Annals Of Emergency Medicine	Fox, Timothy R; Li, James; Stevens, Sandra; Tippie, Tracy			Y		29
23364568	A single-nucleotide polymorphism in SCN9A may decrease postoperative pain sensitivity in the general population.	2013	Anesthesiology	Duan, Guangyou; Xiang, Guifang; Zhang, Xianwei; Yuan, Ruimei; Zhan, Huiming; Qi, Dongmei			Y		22
23363517	Why doctors prescribe opioids to known opioid abusers.	2013	The New England Journal Of Medicine	Ballantyne, Jane C; Sullivan, Mark D			Y		4

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23363516	Why doctors prescribe opioids to known opioid abusers.	2013	The New England Journal Of Medicine	Lembke, Anna		Y		4
23359310	Low-dose naltrexone for the treatment of fibromyalgia: findings of a small, randomized, double-blind, placebo-controlled, counterbalanced, crossover trial assessing daily pain levels.	2013	Arthritis And Rheumatism	Younger, Jarred; Noor, Noorulain; McCue, Rebecca; Mackey, Sean				68
23358127	Treatment with carbon monoxide-releasing molecules and an HO-1 inducer enhances the effects and expression of micro-opioid receptors during neuropathic pain.	2013	Anesthesiology	Hervera, Arnau; Leanez, Sergi; Motterlini, Roberto; Pol, Olga				Not found on Microsoft Academic
23340354	Role of capsaicin in a murine model of labor and delivery.	2013	Anesthesiology	Mirza, Fadi G; Fakhouri, Ayed A; Rowley, Thomas J; Flood, Pamela D				5
23340351	A double-blind randomized trial of wound and intercostal space infiltration with ropivacaine during breast cancer surgery: effects on chronic postoperative pain.	2013	Anesthesiology	Albi-Feldzer, Aline; Mourlet-Fourme E, Emmanuelle; Hamouda, Smail; Motamed, Cyrus; Dubois, Pierre-Yves; Jouanneau, Ludvine; Jayr, Christian				43
23337426	Initial management decisions after a new consultation for low back pain: implications of the usage of physical therapy for subsequent health care costs and utilization.	2013	Archives Of Physical Medicine And Rehabilitation	Fritz, Julie M; Brennan, Gerard P; Hunter, Stephen J; Magel, John S		Y		34
23318461	Opioid prescriptions for chronic nonmalignant pain: driving on a dangerous road.	2013	JAMA Internal Medicine	Katz, Mitchell H		Y		7
23302985	The effect of OPRM1 and COMT genotypes on the analgesic response to intravenous fentanyl labor analgesia.	2013	Anesthesia And Analgesia	Landau, Ruth; Liu, Shih-Kai; Blouin, Jean-Louis; Carvalho, Brendan				22
23302973	A multicenter, randomized, controlled study evaluating preventive etanercept on postoperative pain after inguinal hernia repair.	2013	Anesthesia And Analgesia	Cohen, Steven P; Galvago, Samuel M; Plunkett, Anthony; Harris, Diamond; Kurihara, Connie; Turabi, Ali; Rehrig, Scott; Buckenmaier, Chester C 3rd; Chelly, Jacques E	Y			18
23302961	Multimodal approach to pain management following bipolar hemiarthroplasty for femoral neck fracture: i'm a believer!: commentary on an article by Hyun Kang, MD, et al.: "effectiveness of multimodal pain management after bipolar hemiarthroplasty for hip fracture. A randomized, controlled study".	2013	The Journal Of Bone And Joint Surgery. American Volume	Cornell, Charles		Y		3
23302898	Effectiveness of multimodal pain management after bipolar hemiarthroplasty for hip fracture: a randomized, controlled study.	2013	The Journal Of Bone And Joint Surgery. American Volume	Kang, Hyun; Ha, Yong-Chan; Kim, Jin-Yun; Woo, Young-Cheol; Lee, Jae-Sung; Jang, Eui-Chan		Y		32
23299611	Pain panacea for opiphobia in infants?	2013	JAMA	Anand, Kanwaljeet J S		Y		9
23299606	Effect of intravenous paracetamol on postoperative morphine requirements in neonates and infants undergoing major noncardiac surgery: a randomized controlled trial.	2013	JAMA	Ceele, Ilse; de Wildt, Saskia N; van Dijk, Monique; van den Berg, Margreeth M J; van den Bosch, Gerbrich E; Duivenvoorden, Hugo J; de Leeuw, Tom G; Mathot, Ron; Knibbe, Catherijne A J; Tibboel, Dick		Y		91
23299362	sigma1 receptors are involved in the visceral pain induced by intracolonic administration of capsaicin in mice.	2013	Anesthesiology	Gonzalez-Cano, Rafael; Merlos, Manuel; Baeiens, Jose M; Cendan, Cruz M		Y		Not found on Microsoft Academic
23299038	A response to Seed et al, regarding choices of new opioid formulations.	2012	Hospital Practice (1995)	Viscusi, Eugene R		Y		0
23294132	Remifentanil for labour analgesia: a double-blinded, randomised controlled trial of maternal and neonatal effects of patient-controlled analgesia versus continuous infusion.	2013	Anaesthesia	Shen, M K; Wu, Z F; Zhu, A B; He, L L; Shen, X F; Yang, J J; Feng, S W	Y			23
23278328	A randomised comparison of variable-frequency automated mandatory boluses with a basal infusion for patient-controlled epidural analgesia during labour and delivery.	2013	Anaesthesia	Sia, A T; Leo, S; Ocampo, C E		Y		22
23267003	Glycogen synthase kinase-3beta contributes to remifentanil-induced postoperative hyperalgesia via regulating N-methyl-D-aspartate receptor trafficking.	2013	Anesthesia And Analgesia	Yuan, Yuan; Wang, Jing-yao; Yuan, Fang; Xie, Ke-liang; Yu, Yong-hao; Wang, Guo-lin				Not found on Microsoft Academic
23256102	Clinical inquiry: which treatments relieve painful muscle spasms from a black widow spider bite?	2012	The Journal Of Family Practice	Prongay, Rob; Kelsberg, Gary; Safranek, Sarah		Y		2
23256101	Clinical inquiry: what medications are best for diabetic neuropathic pain?	2012	The Journal Of Family Practice	Page, Neil; Deluca, Jessie; Crowell, Karen		Y		4
23256096	Aging: are these 4 pain myths complicating care?	2012	The Journal Of Family Practice	Thielke, Stephen; Sale, Joanna; Reid, M Carrington		Y		16
23254324	Feasibility study of analgesia via epidural versus continuous wound infusion after laparoscopic colorectal resection.	2013	The British Journal Of Surgery	Boulind, C E; Ewings, P; Bulley, S H; Reid, J M; Jenkins, J T; Blazeby, J M; Francis, N K				26
23254146	Effects of propofol, sevoflurane, remifentanil, and (S)-ketamine in subanesthetic concentrations on visceral and somatosensory pain-evoked potentials.	2013	Anesthesiology	Untergehrer, Gisela; Jordan, Denis; Eyl, Sebastian; Schneider, Gerhard				10
23249932	Reversal of peripheral nerve injury-induced hypersensitivity in the postpartum period: role of spinal oxytocin.	2013	Anesthesiology	Gutierrez, Silvia; Liu, Baogang; Hayashida, Ken-ichihiro; Houle, Timothy T; Eisenach, James C		Y		41
23245611	Prescription drug abuse: problem, policies, and implications.	2013	Nursing Outlook	Phillips, Janice		Y		11
23241726	Intraoperative infusion of 0.6-0.9 microg.kg(-1).min(-1) remifentanil induces acute tolerance in young children after laparoscopic ureteroneocystostomy.	2013	Anesthesiology	Kim, Sung-Hoon; Lee, Min H; Seo, Hyungseok; Lee, In-Gyu; Hong, Jeong-Yeon; Hwang, Jai-Hyun McCarthy, Michael		Y		Not found on Microsoft Academic
23241432	Containing the opioid overdose epidemic.	2012	BMJ (Clinical Research Ed.)			Y		8

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23230081	Rab7 silencing prevents mu-opioid receptor lysosomal targeting and rescues opioid responsiveness to strengthen diabetic neuropathic pain therapy.	2013		Diabetes	Mousa, Shaaban A; Shaqura, Mohammed; Khalefa, Baled I; Zollner, Christian; Schaad, Laura; Schneider, Jonas; Shippenberg, Toni S; Richter, Jan F; Hellweg, Rainer; Shakibaei, Mehdi; Schafer, Michael				Not found on Microsoft Academic		
23228172	Abiraterone in metastatic prostate cancer without previous chemotherapy.	2013		The New England Journal Of Medicine	Ryan, Charles J; Smith, Matthew R; de Bono, Johann S; Molina, Arturo; Logothetis, Christopher J; de Souza, Paul; Fizazi, Karim; Mainwaring, Paul; Piolats, Josep M; Ng, Siobhan; Carles, Joan; Mulders, Peter F A; Basch, Ethan; Small, Eric J; Saad, Fred; Schrijvers, Dirk; Van Poppel, Hendrik; Mukherjee, Som D; Suttmann, Henrik; Gerritsen, Winald R; Flajig, Thomas W; George, Daniel J; Yu, Evan Y; Efstatiou, Eleni; Pantuck, Allan; Winqvist, Eric; Higano, Celestia S; Taplin, Mary-Ellen; Park, Youn; Kheoh, Thian; Griffin, Thomas; Scher, Howard I; Rathkopf, Dana E					1344	
23223118	Persistent hyperalgesia in the cisplatin-treated mouse as defined by threshold measures, the conditioned place preference paradigm, and changes in dorsal root ganglia activated transcription factor 3: the effects of gabapentin, ketorolac, and etanercept.	2013		Anesthesia And Analgesia	Park, Hue Jung; Stokes, Jennifer A; Pirie, Elaine; Skahan, James; Shterman, Yuri; Yaksh, Tony L		Y			34	
23223117	Opioid-sparing effect of preemptive bolus low-dose ketamine for moderate sedation in opioid abusers undergoing extracorporeal shock wave lithotripsy: a randomized clinical trial.	2013		Anesthesia And Analgesia	Gharaei, Babak; Jafari, Alireza; Aghamohammadi, Homayoun; Kamranmanesh, Mohammadreza; Poortzani, Mahtab; Elyassi, Hedayatollah; Rostamian, Baharak; Salimi, Alireza		Y			21	
23223113	First evidence of a polygenic susceptibility to pain in a pediatric cohort.	2013		Anesthesia And Analgesia	Mamie, Chantal; Rebsamen, Michela C; Morris, Michael A; Morabia, Alfredo					24	
23221868	Rufinamide attenuates mechanical allodynia in a model of neuropathic pain in the mouse and stabilizes voltage-gated sodium channel inactivated state.	2013		Anesthesiology	Suter, Marc R; Kirschmann, Guylene; Laedermann, Cedric J; Abriel, Hugues; Decosterd, Isabelle					22	
23219043	Opioids in chronic pain: evolving best practice strategies. Introduction.	2013		The American Journal Of Medicine	Gloth, F Michael 3rd		Y			23	
23208521	Influence of epidural mixture and surgery on bladder function after open renal surgery: a randomized clinical trial.	2013		Anesthesiology	Wuethrich, Patrick Y; Metzger, Tobias; Mordasini, Livio; Kessler, Thomas M; Curatolo, Michele; Burkhardt, Fiona C					9	
23192075	Safety and efficacy of oral transmucosal fentanyl citrate for prehospital pain control on the battlefield.	2012		The Journal Of Trauma And Acute Care Surgery	Wedmore, Ian S; Kotwal, Russ S; McManus, John G; Pennardt, Andre; Talbot, Timothy S; Fowler, Marcie; McGhee, Laura; Hornykak, Magdalena; Kaube, Holger		Y			34	
23197746	Long-Term treatment of a patient with severe restless legs syndrome using intrathecal morphine.	2012		Neurology	Zhao, Chun-mei; Guo, Rui-xian; Hu, Fen; Meng, Jin-lan; Mo, Li-jiu; Chen, Pei-xi; Liao, Xin-xue; Cui, Yu; Feng, Jian-qiang		Y			9	
23187120	Spinal MCP-1 contributes to the development of morphine antinociceptive tolerance in rats.	2012		The American Journal Of The Medical Sciences	Shaffer, Amber D; Ness, Timothy J; Robbins, Meredith T; Randich, Alan					19	
23174223	Early in life bladder inflammation alters opioid peptide content in the spinal cord and bladder of adult female rats.	2013		The Journal Of Urology	Stein, Benjamin E; Srikanth, Umasuthan; Tan, Eric W; Freehill, Michael T; Wickens, John H		Y			4	
23172334	Lower-extremity peripheral nerve blocks in the perioperative pain management of orthopaedic patients: AAOS exhibit selection.	2012		The Journal Of Bone And Joint Surgery. American Volume	Howell, David D; James, Jennifer L; Hartsell, William F; Suntharalingam, Mohan; Machlai, Mitchell; Suh, John H; Demas, William F; Sandler, Howard M; Kachnic, Lisa A; Berk, Lawrence B		Y		Not found on Microsoft Academic		
23165743	Single-fraction radiotherapy versus multifraction radiotherapy for palliation of painful vertebral bone metastases-equivalent efficacy, less toxicity, more convenient: a subset analysis of Radiation Therapy Oncology Group trial 97-14.	2013		Cancer	Schultz, N A; Larsen, P N; Klarskov, B; Plum, L M; Frederiksen, H J; Christensen, B M; Kehlet, H; Hillingsø, J G		Y			60	
23165484	Evaluation of a fast-track programme for patients undergoing liver resection.	2013		The British Journal Of Surgery	Alexander, G Caleb; Kruszewski, Stefan P; Webster, Daniel W		Y			80	
23150006	Rethinking opioid prescribing to protect patient safety and public health.	2012		JAMA	Bertoglio, Sergio; Fabiani, Fabio; Negri, Pasquale De; Corcione, Antonio; Merlo, Domenico Franco; Cafiero, Ferdinando; Esposito, Clelia; Bellucco, Claudio; Perfile, Davide; Amadio, Riccardo; Mannucci, Matilde; Fontana, Valeria; Cicco, Marcello De; Zappi, Lucia Stepanovic-Petrovic, Radica M; Micov, Ana M; Tomic, Maja A; Ugresic, Nenad D		Y			58	
23144438	The postoperative analgesic efficacy of preperitoneal continuous wound infusion compared to epidural continuous infusion with local anesthetics after colorectal cancer surgery: a randomized controlled multicenter study.	2012		Anesthesia And Analgesia	Su, E P; Perna, M; Boettner, F; Mayman, D J; Gerlinger, T; Barsoum, W; Randolph, J; Lee, G		Y			48	
23144430	The local peripheral antihyperalgesic effect of levetiracetam and its mechanism of action in an inflammatory pain model.	2012		Anesthesia And Analgesia	Reeves, Roy R; Burke, Randy S; Kose, Samet					20	
23118406	A prospective, multi-center, randomised trial to evaluate the efficacy of a cryopneumatic device on total knee arthroplasty recovery.	2012		The Journal Of Bone And Joint Surgery. British Volume			Y			34	
23128807	Carisoprodol: update on abuse potential and legal status.	2012		Southern Medical Journal			Y			11	

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23121612	Peri-operative intravenous administration of magnesium sulphate and postoperative pain: a meta-analysis.	2013	Anaesthesia	Albrecht, E; Kirkham, K R; Liu, S S; Brull, R					77
23096987	The use of acellular dermal matrices in two-stage expander/implant reconstruction: a multicenter, blinded, randomized controlled trial.	2012	Plastic And Reconstructive Surgery	McCarthy, Colleen M; Lee, Clara N; Halvorsen, Eric G; Riedel, Elyn; Pusic, Andrea L; Mehrara, Babak J; Disa, Joseph J			Y		67
23105124	Comparison of a powered bone marrow biopsy device with a manual system: results of a prospective randomised controlled trial.	2013	Journal Of Clinical Pathology	Bucher, Christoph Marcus; Lehmann, Thomas; Tichelli, Andre; Tzankov, Alexander; Dimhofner, Stephan; Passweg, Jakob; Rovo, Alicia			Y		15
23103010	Sternal closure with rigid plate fixation versus wire closure: a randomized controlled multicenter trial.	2012	The Annals Of Thoracic Surgery	Raman, Jaishankar; Lehmann, Sven; Zehr, Kenton; De Guzman, Brian J; Aklog, Lishan; Garrett, H Edward; MacMahon, Heber; Hatcher, Brian M; Wong, Michael S					37
23095430	The implications of tamper-resistant formulations for opioid rotation.	2012	Postgraduate Medicine	Pappagallo, Marco; Sokolowska, Marta			Y		6
23094719	Why doctors prescribe opioids to known opioid abusers.	2012	The New England Journal Of Medicine	Lembke, Anna				Y	76
23090523	Hydrocodone-acetaminophen for pain control in first-trimester surgical abortion: a randomized controlled trial.	2012	Obstetrics And Gynecology	Micks, Elizabeth A; Edelman, Alison B; Renner, Regina-Maria; Fu, Rongwei; Lambert, William E; Bednarek, Paula H; Nichols, Mark D; Beckley, Ethan H; Jensen, Jeffrey T					8
23089653	Clinical anesthetic effectiveness of intraoral mucoadhesive tablets of amitriptyline in healthy volunteers.	2013	Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Movassaghian, Sara; Afzalifar, Rose; Alaeddini, Mojgan					5
23086409	Ankle joint mobilization affects postoperative pain through peripheral and central adenosine A1 receptors.	2013	Physical Therapy	Martins, Daniel F; Mazzardo-Martins, Leidiane; Cidral-Filho, Francisco J; Stramoski, Juliana; Santos, Adair R S					18
23084529	Bone-targeted agents: preventing skeletal complications in prostate cancer.	2012	The Urologic Clinics Of North America	Morgans, Alicia K; Smith, Matthew R				Y	15
23084526	Palliative care in castrate-resistant prostate cancer.	2012	The Urologic Clinics Of North America	Rabow, Michael W; Lee, Michael Xiang			Y		6
23062086	Opioid abuse and pain management.	2012	American Family Physician	Houston, Thomas; Rich, Robert Jr				Y	0
23061983	Severe adhesive arachnoiditis resulting in progressive paraplegia following obstetric spinal anaesthesia: a case report and review.	2012	Anaesthesia	Killeen, T; Kamat, A; Walsh, D; Parker, A; Aliashkevitch, A			Y		38
23061430	Modified patient-controlled remifentanil bolus delivery regimen for labour pain*.	2013	Anaesthesia	Jost, A; Ban, B; Kamenik, M				Y	15
23061397	Assessment of block height for satisfactory spinal anaesthesia for caesarean section.	2012	Anaesthesia	Ousley, R; Egan, C; Dowling, K; Cyna, A M				Y	18
23058854	A double-blind randomized controlled trial of continuous intravenous Ketorolac vs placebo for adjuvant pain control after renal surgery.	2012	Mayo Clinic Proceedings	Grimsby, Gwen M; Conley, Sarah P; Trentman, Terrence L; Castle, Erik P; Andrews, Paul E; Mihalik, Laurie A; Hertz, Joseph G; Humphreys, Mitchell R					15
23047990	Palliative care in India lags behind government initiatives.	2012	BMJ (Clinical Research Ed.)	Mudur, Ganapati				Y	0
23041146	Assistive walking device use and knee osteoarthritis: results from the Health, Aging and Body Composition Study (Health ABC Study).	2013	Archives Of Physical Medicine And Rehabilitation	Carbone, Laura D; Satterfield, Suzanne; Liu, Caiqin; Kwoh, Kent C; Neogi, Tuhina; Tolley, Elizabeth; Nevitt, Michael			Y		9
23000670	Chronic pain perspectives: Treating herpes zoster and postherpetic neuralgia: an evidence-based approach.	2012	The Journal Of Family Practice	Thakur, Rajbala; Philip, Annie G				Y	5
23000669	Chronic pain perspectives: Sickle cell disease: Gaining control over the pain.	2012	The Journal Of Family Practice	Gregory, Thomas B				Y	4
23011843	The 2012 Chirantan Ranawat award: intraarticular analgesia after TKA reduces pain: a randomized, double-blinded, placebo-controlled, prospective study.	2013	Clinical Orthopaedics And Related Research	Goyal, Nitin; McKenzie, James; Sharkey, Peter F; Parviz, Javad; Hozack, William J; Austin, Matthew S				Y	31
23011691	Petition targets painkiller marketing in effort to curb overdose deaths.	2012	JAMA	Kuehn, Bridget M				Y	3
23011561	The effect of perioperative intravenous lidocaine and ketamine on recovery after abdominal hysterectomy.	2012	Anesthesia And Analgesia	Grady, Martin V; Mascha, Edward; Sessler, Daniel I; Kurz, Andrea				Y	32
23011560	A single preoperative dose of gabapentin does not improve postcesarean delivery pain management: a randomized, double-blind, placebo-controlled dose-finding trial.	2012	Anesthesia And Analgesia	Short, Jonathan; Downey, Kristi; Bernstein, Paul; Shah, Vibhuti; Carvalho, Jose C A				Y	44
23010181	Clinical policy: critical issues in the prescribing of opioids for adult patients in the emergency department.	2012	Annals Of Emergency Medicine	Cantrill, Stephen V; Brown, Michael D; Carlisle, Russell J; Delaney, Kathleen A; Hays, Daniel P; Nelson, Lewis S; O'Connor, Robert E; Papa, Annmarie; Sporer, Karl A; Todd, Knox H; Whitson, Rhonda R				Y	127
22992813	Pain management following total joint arthroplasty: making strides.	2012	The Journal Of Bone And Joint Surgery. American Volume	Parviz, Javad				Y	24
22992717	Testing a fall risk model for injection drug users.	2012	Nursing Research	Pieper, Barbara; Templin, Thomas N; Goldberg, Alton			Y		0
22989763	Comparison of peritonsillar infiltration of tramadol and lidocaine for the relief of post-tonsillectomy pain.	2012	The Journal Of Laryngology And Otology	Heiba, M H; Atef, A; Mosleh, M; Mohamed, R; El-Hamamsy, M				Y	10

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22984155	Inhaled fentanyl aerosol in healthy volunteers: pharmacokinetics and pharmacodynamics.	2012	Anesthesia And Analgesia	Macleod, David B; Habib, Ashraf S; Ikeda, Keita; Spyker, Daniel A; Cassella, James V; Ho, Kok Yuen; Gan, Tong J				Y	19
22984154	Paracetamol does not compromise early wound repair in the intestine or abdominal wall in the rat.	2012	Anesthesia And Analgesia	van der Vijver, Rozemarijn J; van Laarhoven, Cees J H M; Lomme, Roger M L M; Hendriks, Thijs				Y	3
22975843	Patterns of paediatric analgesic use in Africa: a systematic review.	2012	Archives Of Disease In Childhood	Madadi, Parvaz; Enato, Ehijie F O; Fulga, Shir; Umedoagu, Chinonye C; MacLeod, Stuart M; Koren, Gideon; Einarsen, Thomas R					12
22968872	Children's deaths linked with postsurgical codeine.	2012	JAMA	Voelker, Rebecca				Y	12
22962988	Rational use of opioids for management of chronic nonterminal pain.	2012	American Family Physician	Berland, Daniel; Rodgers, Phillip				Y	25
22951813	Pain outcomes in patients with advanced breast cancer and bone metastases: results from a randomized, double-blind study of denosumab and zoledronic acid.	2013	Cancer	Cleeland, Charles S; Body, Jean-Jacques; Stopeck, Alison; von Moos, Roger; Fallowfield, Lesley; Mathias, Susan D; Patrick, Donald L; Clemons, Mark; Tonkin, Katia; Masuda, Norikazu; Lipton, Allan; de Boer, Richard; Salvagni, Stefania; Oliveira, Celia Tosello; Qian, Yi; Jiang, Qi; Dansey, Roger; Braun, Ada; Chundu, Karen					75
22944349	Opioids for the treatment of chronic noncancer pain.	2012	The American Journal Of Medicine	Warner, Elizabeth A				Y	27
22933386	Collagen antibody-induced arthritis evokes persistent pain with spinal glial involvement and transient prostaglandin dependency.	2012	Arthritis And Rheumatism	Bas, Duygu B; Su, Jie; Sandor, Katalin; Agalave, Nilesh M; Lundberg, Johanna; Codeluppi, Simone; Baharpour, Azar; Nandakumar, Kutty S; Holmdahl, Rickard; Svensson, Camilla I					50
22932919	Management of renal colic.	2012	BMJ (Clinical Research Ed.)	Bultitude, Matthew; Rees, Jonathan				Y	52
22932046	Controlling chronic noncancer pain in an era of opioid misuse.	2012	The American Journal Of Nursing	Jacobson, Joy				Y	0
22915176	Endogenous opioid systems: current concepts and clinical correlations.	2012	Neurology	Benarroch, Eduardo E				Y	29
22913923	Sensation of abdominal pain induced by peritoneal carcinomatosis is accompanied by changes in the expression of substance P and mu-opioid receptors in the spinal cord of mice.	2012	Anesthesiology	Suzuki, Masami; Narita, Minoru; Hasegawa, Minami; Furuta, Sadayoshi; Kawamura, Tomoyuki; Ashikawa, Maho; Miyano, Kanako; Yanagihara, Kazuyoshi; Chiwaki, Fumiko; Ochiya, Takahiro; Suzuki, Tsutomu; Matoba, Motohiro; Sasaki, Hiroki; Uezono, Yasuhito					Not found on Microsoft Academic
22910739	Methadone overdose deaths rise with increased prescribing for pain.	2012	JAMA	Kuehn, Bridget M				Y	20
22910638	Role of adjuvants in continuous wound infusion analgesia for cesarean deliveries.	2012	Anesthesia And Analgesia	Bhatia, Nidhi; Sen, Indu				Y	1
22895588	Chronic pain as a manifestation of potassium channel-complex autoimmunity.	2012	Neurology	Klein, Christopher J; Lennon, Vanda A; Aston, Paula A; McKeon, Andrew; Pittock, Sean J					96
22893058	Long-term analgesic use: sometimes less is not more.	2012	Archives Of Internal Medicine	Krishnamoorthy, Vijay; Bhalla, Paul				Y	1
22886837	A novel injectable formulation of diclofenac compared with intravenous ketorolac or placebo for acute moderate-to-severe pain after abdominal or pelvic surgery: a multicenter, double-blind, randomized, multiple-dose study.	2012	Anesthesia And Analgesia	Gan, Tong J; Daniels, Stephen E; Singla, Neil; Hamilton, Douglas A; Carr, Daniel B					27
22883421	Prospective randomized crossover evaluation of three anesthetic regimens for painful procedures in children with cancer.	2013	The Journal Of Pediatrics	Anghelescu, Doralina L; Burgoyne, Laura L; Faughnan, Lane G; Hankins, Gisele M; Smeltzer, Matthew P; Pui, Ching-Hon					10
22878686	The efficacy of intra-articular injections for pain control following the closed reduction and percutaneous pinning of pediatric supracondylar humeral fractures: a randomized controlled trial.	2012	The Journal Of Bone And Joint Surgery. American Volume	Georgopoulos, Galia; Carry, Patrick; Pan, Zhaoxing; Chang, Frank; Heare, Travis; Rhodes, Jason; Hotchkiss, Mark; Miller, Nancy H; Erickson, Mark				Y	4
22863282	Patient-controlled versus scheduled, nurse-administered analgesia following vaginal reconstructive surgery: a randomized trial.	2012	American Journal Of Obstetrics And Gynecology	Crisp, Catrina C; Bandi, Sindura; Kleeman, Steven D; Oakley, Susan H; Vaccaro, Christine M; Estanol, Maria V; Fellner, Angela N; Pauls, Rachel N				Y	10
22861520	Peri-operative anisocoria—the importance of pupil assessment before general anaesthesia.	2012	Anaesthesia	Turnbull, A; Marsh, C				Y	0
22854901	Efficacy of early treatment with carbamazepine in prevention of neuropathic pain in patients with spinal cord injury.	2012	American Journal Of Physical Medicine & Rehabilitation	Salinas, Fabio A; Lugo, Luz H; Garcia, Hector I					11
22851109	Curbing the opioid epidemic in the United States: the risk evaluation and mitigation strategy (REMS).	2012	JAMA	Nelson, Lewis S; Perrone, Jeanmarie				Y	56
22840413	Randomized trial of transversus abdominis plane block at total laparoscopic hysterectomy: effect of regional analgesia on quality of recovery.	2012	American Journal Of Obstetrics And Gynecology	Kane, Sarah M; Garcia-Tomas, Vincent; Alejandro-Rodriguez, Marilyn; Astley, Brendan; Pollard, Robert R				Y	29
22838149	Smart pain management makes good business sense.	2012	Hospitals & Health Networks	Aston, Geri				Y	8

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22825087	Recognition and management of nerve entrapment pain after uterosacral ligament suspension.	2012	Obstetrics And Gynecology	Chung, Christopher P; Kuehl, Thomas J; Larsen, Wilma I; Yandell, Paul M; Shull, Bob L					4
22825069	Clinician identification of appropriate long-term opioid therapy candidacy	2012	Archives Of Internal Medicine	Geller, Aaron S			Y		0
22824858	Warm, humidified carbon dioxide gas insufflation for laparoscopic appendectomy in children: a double-blinded randomized controlled trial.	2013	Annals Of Surgery	Yu, Tzu-Chieh; Hamill, James K; Liley, Andrew; Hill, Andrew G					19
22822195	Lumbar plexus blockade reduces pain after hip arthroscopy: a prospective randomized controlled trial.	2012	Anesthesia And Analgesia	YaDeau, Jacques T; Tedore, Tiffany; Goytizolo, Enrique A; Kim, David H; Green, Douglas S T; Westrick, Anna; Fan, Randall; Rade, Matthew C; Ranawat, Anil S; Coleman, Struan H; Kelly, Bryan T	Y				28
22822192	Characteristics of distribution of morphine and metabolites in cerebrospinal fluid and plasma with chronic intrathecal morphine infusion in humans.	2012	Anesthesia And Analgesia	Wallace, Mark; Yaksh, Tony L	Y				9
22820848	Roles of Gr-1+ leukocytes in postincisional nociceptive sensitization and inflammation.	2012	Anesthesiology	Sahbaie, Peyman; Li, Xiangqi; Shi, Xiaoyou; Clark, J David	Y				15
22818367	Geriatric patients may not experience increased risk of oligoanalgesia in the emergency department.	2012	Annals Of Emergency Medicine	Cinar, Orhan; Ernst, Ryan; Fosnocht, David; Carey, Jessica; Rogers, LeGrand; Carey, Adrienne; Horne, Benjamin; Madsen, Troy			Y		16
22809664	Rectal paracetamol in newborn infants after assisted vaginal delivery may increase pain response.	2013	The Journal Of Pediatrics	Tinner, Eva Maria; Hoessli, Irene; Jost, Kerstin; Schobi, Nina; Ulrich Megged, Yvonne; Burkhardt, Tilo; Kraft, Alexander; Bucher, Hans Ulrich; Surbek, Daniel; Nelle, Mathias; Buhrer, Christoph					14
22766088	Strategies to reduce the tampering and subsequent abuse of long-acting opioids: potential risks and benefits of formulations with physical or pharmacologic deterrents to tampering.	2012	Mayo Clinic Proceedings	Stanos, Steven P; Bruckenthal, Patricia; Barkin, Robert L	Y				46
22763903	The beneficial effect of transversus abdominis plane block after laparoscopic cholecystectomy in day-case surgery: a randomized clinical trial.	2012	Anesthesia And Analgesia	Petersen, Pernille Lykke; Stjernholm, Pia; Kristiansen, Viggo B; Torup, Henrik; Hansen, Egon G; Mitchell, Anja U; Moeller, Ann; Rosenberg, Jacob; Dahl, Joergen B; Mathiesen, Ole	Y				69
22763899	Transversus abdominis plane block for analgesia in renal transplantation: a randomized controlled trial.	2012	Anesthesia And Analgesia	Freir, Noelle M; Murphy, Caitriona; Mugawar, Mohan; Linnane, Anna; Cunningham, Anthony J			Y		23
22761087	Perioperative management of patients taking treatment for chronic pain.	2012	BMJ (Clinical Research Ed.)	Farrell, Conor; McConaghay, Paul			Y		13
22752049	Pain as a cause of agitated delirium.	2012	Archives Of Internal Medicine	Meier, Diane E					7
22733257	Frequency of prescription pain reliever nonmedical use: 2002-2003 and 2009-2010.	2012	Archives Of Internal Medicine	Jones, Christopher M			Y		36
22729963	A pilot cohort study of the determinants of longitudinal opioid use after surgery.	2012	Anesthesia And Analgesia	Carroll, Ian; Bareika, Peter; Wang, Charlie Kiat Meng; Wang, Bing Mei; Gillespie, Matthew John; McCue, Rebecca; Younger, Jarred W; Trafton, Jodie; Humphreys, Keith; Goodman, Stuart B; Dirbas, Fredrick; Whyte, Richard I; Donington, Jessica S; Cannon, Walter B; Mackey, Sean Charles Dahmani, Souhayl; Mantz, Jean; Veyckemans, Francis					82
22722574	Case scenario: severe emergence agitation after myringotomy in a 3-yr-old child.	2012	Anesthesiology	Tsai, Ru-Yin; Chou, Kuang-Yi; Shen, Ching-Hui; Chien, Chih-Cheng; Tsai, Wei-Yuan; Huang, Ya-Ni; Tao, Pao-Luh; Lin, Yao-Shiang; Wong, Chih-Shung			Y		16
22713680	Resveratrol regulates N-methyl-D-aspartate receptor expression and suppresses neuroinflammation in morphine-tolerant rats.	2012	Anesthesia And Analgesia	Panicker, Jalesh N; Game, Xavier; Khan, Shahid; Kessler, Thomas M; Gonzales, Gwen; Elnell, Sohier; Fowler, Clare J					21
22704100	The possible role of opiates in women with chronic urinary retention: observations from a prospective clinical study.	2012	The Journal Of Urology	Gudin, Jeffrey A					15
22691907	Clinical strategies for the primary health care professional to minimize prescription opioid abuse.	2012	Postgraduate Medicine	Sirwardena, Ajith K; Mason, James M; Sheen, Aali J; Makin, Alistair J; Shah, Nehal S	Y				7
22683257	Antioxidant therapy does not reduce pain in patients with chronic pancreatitis: the ANTICIPATE study.	2012	Gastroenterology	Russell, J; Middleton, C; Hale, J	Y				53
22670748	PCA test protocol delivers potentially fatal morphine overdose.	2012	Anaesthesia	Hippard, Helena K; Govindan, Kalyani; Friedman, Ellen M; Sulek, Marcelle; Giannoni, Carla; Larrier, Deidre; Minard, Charles G; Watcha, Mehernoon F					1
22669347	Postoperative analgesic and behavioral effects of intranasal fentanyl, intravenous morphine, and intramuscular morphine in pediatric patients undergoing bilateral myringotomy and placement of ventilating tubes.	2012	Anesthesia And Analgesia	Perrone, Jeanmarie; Nelson, Lewis S			Y		19
22656871	Pain control—a basic kindness.	2012	Lancet (London, England)	McCarberg, Bill; Hahn, Kathryn L; Twillman, Robert K; Hodgkiss-Harlow, Chelsea J			Y	Not found on Microsoft Academic	
22646509	Medication reconciliation for controlled substances--an "ideal" prescription-drug monitoring program.	2012	The New England Journal Of Medicine				Y		61
22636830	A role for opioids in chronic pain management.	2012	Archives Of Internal Medicine				Y		3

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22624694	Comprehensive chronic pain management: improving physical and psychological function (CME multimedia activity).	2012	The American Journal Of Medicine	McCarberg, Bill H; Stanos, Steven; Williams, David A	Y			10
22623631	Prescribing strong opioids for pain in adult palliative care: summary of NICE guidance.	2012	BMJ (Clinical Research Ed.)	Bennet, Michael I; Graham, John; Schmidt-Hansen, Mia; Prettyjohns, Matthew; Arnold, Stephanie		Y		21
22619399	Significance of screening electrocardiogram before the initiation of amitriptyline therapy in children with functional abdominal pain.	2012	Clinical Pediatrics	Patra, Kamakshya P; Sankararaman, Senthilkumar; Jackson, Robert; Hussain, Sunny Z	Y			13
22612188	Tapentadol (nucynta) for treatment of pain.	2012	American Family Physician	Erlich, Deborah R; Bodine, Warren		Y		7
22610883	Pancreaticoduodenectomy for the treatment of groove pancreatitis.	2012	Digestive Diseases And Sciences	Levenick, John M; Sutton, John E; Smith, Kerrington D; Gordon, Stuart R; Suriaiwanta, Arief; Gardner, Timothy B		Y		15
22584558	Systemic lidocaine to improve postoperative quality of recovery after ambulatory laparoscopic surgery.	2012	Anesthesia And Analgesia	De Oliveira, Gildasio S Jr; Fitzgerald, Paul; Streicher, Lauren F; Marcus, R-Jay; McCarthy, Robert J		Y		84
22575570	Use of analgesic, anesthetic, and sedative medications during pediatric hospitalizations in the United States 2008.	2012	Anesthesia And Analgesia	Lasky, Tamar; Ernst, Frank R; Greenspan, Jay				8
22575568	Antihypersensitivity effects of tramadol hydrochloride in a rat model of postoperative pain.	2012	Anesthesia And Analgesia	Kimura, Masafumi; Obata, Hideaki; Saito, Shigeru				20
22556211	Intrathecal atipamezole augments the antinociceptive effect of morphine in rats.	2012	Anesthesia And Analgesia	Lilius, Tuomas O; Rauhala, Pekka V; Kambur, Oleg; Rossi, Sami M; Vaananen, Antti J; Kalso, Elja A				4
22556210	Joint hypothesis testing and gatekeeping procedures for studies with multiple endpoints.	2012	Anesthesia And Analgesia	Mascha, Edward J; Turan, Alparslan		Y		34
22547482	Acute and subacute neck pain.	2012	Annals Of Internal Medicine	Chapman, Guy		Y		0
22547481	Acute and subacute neck pain.	2012	Annals Of Internal Medicine	Ernst, Edzard		Y		0
22546966	Effect of perioperative systemic alpha2 agonists on postoperative morphine consumption and pain intensity: systematic review and meta-analysis of randomized controlled trials.	2012	Anesthesiology	Blaudszun, Gregoire; Lysakowski, Christopher; Elia, Nadia; Tramer, Martin R				Not found on Microsoft Academic
22546733	The effects of active warming on patient temperature and pain after total knee arthroplasty.	2012	The American Journal Of Nursing	Benson, Ember E; McMillan, Diana E; Ong, Bill				32
22543069	Femoral nerve block with selective tibial nerve block provides effective analgesia without foot drop after total knee arthroplasty: a prospective, randomized, observer-blinded study.	2012	Anesthesia And Analgesia	Sinha, Sanjay K; Abrams, Jonathan H; Arumugam, Sivasenthi; D'Alessio, John; Freitas, David G; Barnett, John T; Weller, Robert S				37
22537257	Postpartum maternal codeine therapy and the risk of adverse neonatal outcomes: a retrospective cohort study.	2012	Clinical Toxicology (Philadelphia, Pa.)	Juurink, David N; Gomes, Tara; Guttmann, Astrid; Hellings, Chelsea; Sivilotti, Marco L A; Harvey, Marie-Andree; Mamdani, Muhammad M				19
22534867	The role of cannabinoids in chronic pain patients remains hazy.	2012	Clinical Pharmacology And Therapeutics	Chen, B C; Hoffman, R S	Y			4
22534386	Is spinal manipulation an effective treatment for low back pain? No: evidence shows no clinically significant benefit over watchful waiting.	2012	American Family Physician	Cronholm, Peter F; Nicklin, David E		Y		1
22534347	End-stage renal disease: symptom management and advance care planning.	2012	American Family Physician	O'Connor, Nina R; Corcoran, Amy M		Y		31
22534246	Modulation of tight junction proteins in the perineurium to facilitate peripheral opioid analgesia.	2012	Anesthesiology	Rittner, Heike L; Amasheh, Salah; Moshourab, Rabih; Hackel, Dagmar; Yamdeu, Reine-Solange; Mousa, Shaaban A; Fromm, Michael; Stein, Christoph; Brack, Alexander				15
22534223	Information from your family doctor. Options for managing pain during labor.	2012	American Family Physician			Y		Not found on Microsoft Academic
22534222	Labor analgesia.	2012	American Family Physician	Schrock, Steven D; Harraway-Smith, Carolyn		Y		Not found on Microsoft Academic
22529273	Race and unequal burden of perioperative pain and opioid related adverse effects in children.	2012	Pediatrics	Sadhasivam, Senthilkumar; Chidambaran, Vidya; Ngamprasertwong, Pornswan; Esslinger, Hope R; Prows, Cynthia; Zhang, Xue; Martin, Lisa J; McAuliffe, John				72
22525931	ACOG Committee Opinion No. 524: Opioid abuse, dependence, and addiction in pregnancy.	2012	Obstetrics And Gynecology			Y		Not found on Microsoft Academic
22523419	The effects of gabapentin on acute opioid tolerance to remifentanil under sevoflurane anesthesia in rats.	2012	Anesthesia And Analgesia	Aguado, Delia; Abreu, Mariana; Benito, Javier; Garcia-Fernandez, Javier; Gomez de Segura, Ignacio A				8
22523418	Antihyperalgesic effects of myrsinoic acid B in pain-like behavior induced by inflammatory and neuropathic pain models in mice.	2012	Anesthesia And Analgesia	Antoniali, Carla de Souza; da Silva, Gislaine Franciel; Rocha, Lilian Wunsch; Monteiro, Elis R; de Souza, Marcia Maria; Malheiros, Angela; Yunes, Rosendo Augusto; Quintao, Nara Lins Meira				5
22519849	Comparison of the antitussive effect of remifentanil during recovery from propofol and sevoflurane anaesthesia.	2012	Anaesthesia	Kim, H; Choi, S-H; Choi, Y-S; Lee, J-H; Kim, N-O; Lee, J-R		Y		7
22504149	Local anesthetic-like inhibition of voltage-gated Na(+) channels by the partial mu-opioid receptor agonist buprenorphine.	2012	Anesthesiology	Leffler, Andreas; Frank, Georg; Kistner, Katrin; Niedermirtl, Florian; Koppert, Wolfgang; Reeh, Peter W; Nau, Carla		Y		Not found on Microsoft Academic

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22496132	Editorial on treating sciatica was fundamentally flawed.	2012	BMJ (Clinical Research Ed.)	Bernard, Jason			Y		1
22496131	Evidence shows that epidural steroid is effective in sciatica.	2012	BMJ (Clinical Research Ed.)	Grayson, Michael F			Y		1
22491566	Safety of prehospital intravenous fentanyl for adult trauma patients.	2012	The Journal Of Trauma And Acute Care Surgery	Soraya, Gina C; McVaney, Kevin E; Liao, Michael M; Haukoos, Jason S; Byyny, Richard L; Gravitz, Craig; Colwell, Christopher B		Y			10
22487866	The potential role of alpha(2) agonists for noncardiac surgery.	2012	Anesthesiology	Devereaux, P J; Sessler, Daniel I			Y		Not found on Microsoft Academic
22482109	The benefits of interdisciplinary pain management.	2012	The Journal Of Family Practice	Noe, Carl; Williams, Charles F			Y		4
22474199	Patient satisfaction, prescription drug abuse, and potential unintended consequences.	2012	JAMA	Zgierska, Aleksandra; Miller, Michael; Rabago, David			Y		98
22473367	Tenfold medication errors: 5 years' experience at a university-affiliated pediatric hospital.	2012	Pediatrics	Doherty, Catherine; Mc Donnell, Conor			Y		57
22467888	Gabapentin augments the antihyperalgesic effects of diclofenac sodium through spinal action in a rat postoperative pain model.	2012	Anesthesia And Analgesia	Narai, Yasuhiro; Imamachi, Noritaka; Saito, Yoji					8
22442761	REMS; red tape, or a remedy for opioid abuse?	2011	The Journal Of Family Practice	Porada, Stephen			Y		3
22446982	Objective assessment of the immediate postoperative analgesia using pupillary reflex measurement: a prospective and observational study.	2012	Anesthesiology	Aissoud, Mourad; Snauwaert, Aurelie; Dupuis, Claire; Atchabahian, Arthur; Aubrun, Frederic; Beaussier, Marc			Y		50
22444105	The association between peripheral artery and lumbar spine disease: a single-center study.	2012	The American Journal Of Medicine	Ain, David L; Slovut, David P; Kamath, Ravi; Jaff, Michael R			Y		3
22440364	Early experience with robotic lung resection results in similar operative outcomes and morbidity when compared with matched video-assisted thoracoscopic surgery cases.	2012	The Annals Of Thoracic Surgery	Louie, Brian E; Farivar, Alexander S; Aye, Ralph W; Vallieres, Eric			Y		75
22437221	Tolerability of concomitant use of selective serotonin reuptake inhibitors or serotonin-norepinephrine reuptake inhibitors and oxymorphone extended release.	2012	Postgraduate Medicine	Peniston, John H; Hu, Xiaojun; Potts, Susan L; Wieman, Matthew S; Turk, Dennis C					3
22434330	Systematic review of total pancreatectomy and islet autotransplantation for chronic pancreatitis.	2012	The British Journal Of Surgery	Bramis, K; Gordon-Weeks, A N; Friend, P J; Bastin, E; Burls, A; Silva, M A; Dennison, A R			Y		56
22433341	Recovery at home after major gynecologic surgery: how do our patients fare?	2012	Obstetrics And Gynecology	Evenson, Mallorie; Payne, Daniel; Nygaard, Ingrid			Y		12
22422386	Music during interventional radiological procedures, effect on sedation, pain and anxiety: a randomised controlled trial.	2012	The British Journal Of Radiology	Kulkarni, S; Johnson, P C D; Kettles, S; Kasthuri, R S			Y		17
22421421	Intracranial self-stimulation of the paraventricular nucleus of the hypothalamus: increased facilitation by morphine compared to cocaine.	2012	Anesthesiology	Ewan, Eric E; Martin, Thomas J			Y		7
22421420	Cerebral oxygen saturation measured by near-infrared spectroscopy and jugular venous bulb oxygen saturation during arthroscopic shoulder surgery in beach chair position under sevoflurane-nitrous oxide or propofol-remifentanil anesthesia.	2012	Anesthesiology	Jeong, Hyejin; Jeong, Seongtae; Lim, Hoi J; Lee, JongUn; Yoo, Kyung Y					57
22420817	The influence of implicit bias on treatment recommendations for 4 common pediatric conditions: pain, urinary tract infection, attention deficit hyperactivity disorder, and asthma.	2012	American Journal Of Public Health	Sabin, Janice A; Greenwald, Anthony G					134
22420645	Combined spinal epidural vs epidural labour analgesia: does initial intrathecal analgesia reduce the subsequent minimum local analgesic concentration of epidural bupivacaine?	2012	Anaesthesia	Patel, N P; Armstrong, S L; Fernando, R; Columb, M O; Bray, J K; Sodhi, V; Lyons, G R		Y			12
22418009	Functional and medical outcomes after tailored surgery for pain due to chronic pancreatitis.	2012	Annals Of Surgery	van der Gaag, Niels A; van Gulik, Thomas M; Busch, Olivier R C; Sprangers, Mirjam A; Bruno, Marco J; Zevenbergen, Chantal; Gouma, Dirk J; Boermeester, Marja A			Y		29
22415534	The efficacy of morphine, pregabalin, gabapentin, and duloxetine on mechanical allodynia is different from that on neuroma pain in the rat neuropathic pain model.	2012	Anesthesia And Analgesia	Miyazaki, Rika; Yamamoto, Tatsuo					24
22412109	What are we treating with long-term opioid therapy?	2012	Archives Of Internal Medicine	Sullivan, Mark D; Ballantyne, Jane C			Y		41
22412108	Sex differences in long-term opioid use: cautionary notes for prescribing in women.	2012	Archives Of Internal Medicine	Darnall, Beth D; Stacey, Brett R			Y		13
22412107	Harm from long-term opioid therapy: comment on "Long-term analgesic use after low-risk surgery".	2012	Archives Of Internal Medicine	Katz, Mitchell H			Y		0
22412106	Long-term analgesic use after low-risk surgery: a retrospective cohort study.	2012	Archives Of Internal Medicine	Alam, Asim; Gomes, Tara; Zheng, Hong; Mamdani, Muhammad M; Juurlink, David N; Bell, Chaim M					224
22406892	An update in options for the treatment of pain: a review of new opioid formulations.	2012	Hospital Practice (1995)	Seed, Sheila M; Duncan, Kaelen C; Lynch, Ann M; Desilets, Alicia R			Y		2
22406891	Evaluating therapeutic benefit in postsurgical analgesia requires global assessment: an example from liposome bupivacaine in hemorrhoidectomy.	2012	Hospital Practice (1995)	Schmidt, William K; Patou, Gary; Joshi, Girish P			Y		6
22406890	A review of opioids for in-hospital pain management.	2012	Hospital Practice (1995)	Viscusi, Eugene R; Pappagallo, Marco		Y			14
22397986	Chronic postthoracotomy pain and health-related quality of life.	2012	The Annals Of Thoracic Surgery	Kinney, Michelle A O; Hooten, W Michael; Cassivi, Stephen D; Allen, Mark S; Passe, Melissa A; Hanson, Andrew C; Schroeder, Darrell R; Mantilla, Carlos B					23

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22397977	Total pancreatectomy and islet autotransplantation for chronic pancreatitis.	2012	Journal Of The American College Of Surgeons	Sutherland, David E R; Radosevich, David M; Bellin, Melena D; Hering, Bernard J; Bellman, Gregory J; Dunn, Ty B; Chinnakota, Srinath; Vickers, Selwyn M; Bland, Barbara; Balamurugan, A N; Freeman, Martin L; Pruitt, Timothy L		Y		191
22397901	Effect of surgical approach on physical activity and pain control after sacral colpopexy.	2012	American Journal Of Obstetrics And Gynecology	Collins, Sarah A; Tulikangas, Paul K; O'Sullivan, David M				11
22396516	Association of mental health disorders with prescription opioids and high-risk opioid use in US veterans of Iraq and Afghanistan.	2012	JAMA	Seal, Karen H; Shi, Ying; Cohen, Gregory; Cohen, Beth E; Maguen, Shira; Krebs, Erin E; Neylan, Thomas C		Y		242
22392530	Role for substance p-based nociceptive signaling in progenitor cell activation and angiogenesis during ischemia in mice and in human subjects.	2012	Circulation	Amadesi, Silvia; Reni, Carlotta; Katare, Rajesh; Meloni, Marco; Okawa, Atsuhiko; Beltrami, Antonio P; Avolio, Elisa; Cesselli, Daniela; Fortunato, Orazio; Spinetti, Gaia; Ascione, Raimondo; Cangiano, Elisa; Valgimigli, Marco; Hunt, Stephen P; Emanueli, Costanza; Madeddu, Paolo				57
22387088	Extremity fracture pain after emergency department reduction and casting: predictors of pain after discharge.	2012	Annals Of Emergency Medicine	Thompson, Rachel W; Krauss, Baruch; Kim, Young-Jo; Monuteaux, Michael C; Zerriny, Salim; Lee, Lois K				4
22382582	In brief: immediate-release oxycodone (Oxecta) for pain.	2012	The Medical Letter On Drugs And Therapeutics Pediatrics			Y	Not found on Microsoft Academic	
22371456	Discomfort and pain in newborns with myelomeningocele: a prospective evaluation.	2012	Pediatrics	Ottenhoff, Myrthe J; Dammers, Ruben; Kompanje, Erwin J O; Tibboel, Dick; de Jong, T H Rob		Y		1
22357901	Liver cancer: effects, safety, and cost-effectiveness of controlled-release oxycodone for pain control after TACE.	2012	Radiology	Zhou, Bo; Wang, Jianhua; Yan, Zhiping; Shi, Peng; Kan, Zuxing		Y		15
22357893	Lumbar MR imaging and reporting epidemiology: do epidemiologic data in reports affect clinical management?	2012	Radiology	McCullough, Brendan J; Johnson, Germaine R; Martin, Brook I; Jarvik, Jeffrey G		Y		29
22354251	Intranasal application of xenon: a shortcut to the brain or just a longer way to it through the lungs?	2012	Anesthesiology	Petrenko, Andrey B; Baba, Hiroshi		Y		0
22344240	Ultrasound-guided peripheral nerve stimulator placement in two soldiers with acute battlefield neuropathic pain.	2012	Anesthesia And Analgesia	Kent, Michael; Upp, Justin; Spevak, Christopher; Shannon, Clarence; Buckenmaier, Chester 3rd		Y		9
22344239	Dexamethasone for the prophylaxis of postoperative nausea and vomiting associated with neuraxial morphine administration: a systematic review and meta-analysis.	2012	Anesthesia And Analgesia	Allen, Terrence K; Jones, Cheryl A; Habib, Ashraf S				36
22335313	Diagnosis and treatment of acute low back pain.	2012	American Family Physician	Casazza, Brian A		Y		44
22331277	Drugs for relief of pain in patients with sciatica: systematic review and meta-analysis.	2012	BMJ (Clinical Research Ed.)	Pinto, Rafael Zambelli; Maher, Chris G; Ferreira, Manuela L; Ferreira, Paulo H; Hancock, Mark; Oliveira, Vinicius C; McLachlan, Andrew J; Koes, Bart				89
22331276	Treating sciatica in the face of poor evidence.	2012	BMJ (Clinical Research Ed.)	Chou, Roger		Y		6
22323009	Mortality of intra-abdominal desmoid tumors in patients with familial adenomatous polyposis: a single center review of 154 patients.	2012	Annals Of Surgery	Quintini, Cristiano; Ward, Gregory; Shatnawi, Abdallah; Xhaja, Xhleta; Hashimoto, Koji; Steiger, Ezra; Hammel, Jeffrey; Diago Uso, Teresa; Burke, Carol A; Church, James M	Y			38
22293719	Continuous femoral nerve blocks: decreasing local anesthetic concentration to minimize quadriceps femoris weakness.	2012	Anesthesiology	Bauer, Maria; Wang, Lu; Onibonije, Olusegun K; Parrett, Chad; Sessler, Daniel I; Mounir-Soliman, Loran; Zaky, Sherif; Krebs, Viktor; Buller, Leonard T; Donohue, Michael C; Stevens-Lapsley, Jennifer E; Ilfeld, Brian M				42
22293718	Choice of anesthetic combination determines Ca2+ leak after ischemia-reperfusion injury in the working rat heart: favorable versus adverse combinations.	2012	Anesthesiology	Zaugg, Michael; Wang, Lianguo; Zhang, Liyan; Lou, Phing-How; Lucchinetti, Eliana; Clanahan, Alexander S				12
22289236	Prediction of failure to retain work 1 year after interdisciplinary functional restoration in occupational injuries.	2012	Archives Of Physical Medicine And Rehabilitation	Brede, Emily; Mayer, Tom G; Gatchel, Robert J		Y		14
22273860	Impaired nociception and peripheral opioid antinociception in mice lacking both kinin B1 and B2 receptors.	2012	Anesthesiology	Cayla, Cecile; Labuz, Dominika; Machelska, Halina; Bader, Michael; Schafer, Michael; Stein, Christoph				20
22270468	Periarticular local anesthesia does not improve pain or mobility after THA.	2012	Clinical Orthopaedics And Related Research	Dobie, I; Bennett, D; Spence, D J; Murray, J M; Beverland, D E		Y		27
22270427	Genitofemoral and perineal neuralgia after trans obturator midurethral sling.	2012	Obstetrics And Gynecology	Parnell, Brent A; Johnson, Elisabeth A; Zolnoun, Dennis A		Y		13
22268797	Respiratory arrest in an obstetric patient using remifentanil patient-controlled analgesia.	2012	Anaesthesia	Bonner, J C; McClymont, W		Y		52
22256803	Painful inequities—palliative care in developing countries.	2012	The New England Journal Of Medicine	Lamas, Daniela; Rosenbaum, Lisa		Y		39
22253377	Research yields new insights into mechanisms and treatment of pain.	2012	JAMA	Friedrich, M J		Y		4
22251121	Dexamethasone and ondansetron in paediatric tonsillectomy.	2012	Anaesthesia	Jayasundera, S; Mackinnon, R		Y		1

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					Y	Y	Y		
22251106	Limited maximal flow rate of target-controlled remifentanil infusion and induced cough.	2012	Anaesthesia	Min, S K; Kim, D H; Cho, H B; Moon, B K; Kim, J Y			Y		5
22250028	Pediatric analgesic clinical trial designs, measures, and extrapolation: report of an FDA scientific workshop.	2012	Pediatrics	Berde, Charles B; Walco, Gary A; Krane, Elliot J; Anand, K J S; Aranda, Jacob V; Craig, Kenneth D; Dampier, Carlton D; Finkel, Julia C; Grabois, Martin; Johnston, Celeste; Lantos, John; Lebel, Alyssa; Maxwell, Lynne G; McGrath, Patrick; Oberlander, Timothy F; Schanberg, Laura E; Stevens, Bonnie; Taddio, Anna; von Baeyer, Carl L; Yaster, Myron; Zemcov, William T			Y		48
22243959	Morphine and ketamine is superior to morphine alone for out-of-hospital trauma analgesia: a randomized controlled trial.	2012	Annals Of Emergency Medicine	Jennings, Paul A; Cameron, Peter; Bernard, Stephen; Walker, Tony; Jolley, Damien; Fitzgerald, Mark; Masci, Kevin Baker, Mari; Hafner, John W			Y		59
22221839	What is the best pharmacologic treatment for sickle cell disease pain crises?	2012	Annals Of Emergency Medicine	Deyle, Gail D; Gill, Norman W; Allison, Stephen C; Hando, Benjamin R; Rochino, Duneley A			Y		5
22220299	Knee OA: which patients are unlikely to benefit from manual PT and exercise?	2012	The Journal Of Family Practice				Y		8
22213509	Summaries for patients: is spinal manipulation an effective treatment for neck pain?	2012	Annals Of Internal Medicine				Y		Not found on Microsoft Academic
22213495	Pain in the neck: many (marginally different) treatment choices.	2012	Annals Of Internal Medicine	Walker, Bruce F; French, Simon D			Y		8
22213489	Spinal manipulation, medication, or home exercise with advice for acute and subacute neck pain: a randomized trial.	2012	Annals Of Internal Medicine	Bronfort, Gert; Evans, Roni; Anderson, Alfred V; Svendsen, Kenneth H; Bracha, Yiscah; Grimm, Richard H			Y		118
22205194	Rational opioid dosing in the elderly: dose and dosing interval when initiating opioid therapy.	2012	Clinical Pharmacology And Therapeutics	Gupta, D K; Avram, M J			Y		15
22193548	Effects of morphine on thermal sensitivity in adult and aged rats.	2012	The Journals Of Gerontology. Series A, Biological Sciences And Medical Sciences	Morgan, Drake; Mitzelfelt, Jeremiah D; Koerper, Lorraine M; Carter, Christy S			Y		8
22190548	Intrathecal catheterization influences tolerance to chronic morphine in rats.	2012	Anesthesia And Analgesia	Mattioli, Theresa-Alexandra; Sutak, Maaja; Milne, Brian; Jhamandas, Khem; Cahill, Catherine M			Y		6
22186525	Reconstruction of the inferior alveolar nerve with bioabsorbable polyglycolic acid nerve conduits.	2012	Plastic And Reconstructive Surgery	Mundinger, Gerhard S; Prucz, Roni B; Rozen, Shai M; Tufaro, Anthony P			Y		10
22183906	Long-term outcome of radiofrequency ablation for intraoral microcystic lymphatic malformation.	2011	Archives Of Otolaryngology--Head & Neck Surgery	Kim, Sang W; Kavanagh, Katie; Orbach, Darren B; Alomari, Ahmad I; Mulliken, John B; Rahbar, Reza de Moya, Marc; Bramos, Thanos; Agarwal, Suresh; Elkay, Karim; Janjua, Sumbal; King, David R; Alam, Hasan B; Velmaios, George C; Burke, Peter; Tobler, William			Y		20
22182884	Pain as an indication for rib fixation: a bi-institutional pilot study.	2011	The Journal Of Trauma				Y		36
22173454	Fentanyl nasal spray (Lazanda) for pain.	2011	The Medical Letter On Drugs And Therapeutics				Y		Not found on Microsoft Academic
22167772	The effects of subarachnoid administration of preservative-free S(+)-ketamine on spinal cord and meninges in dogs.	2012	Anesthesia And Analgesia	Rojas, Alfredo Cury; Alves, Juliana Gaiotto; Moreira E Lima, Rodrigo; Esther Alencar Marques, Mariangela; Moreira de Barros, Guilherme Antonio; Fukushima, Fernanda Bono; Modolo, Norma Sueli Pinheiro; Ganem, Eliana Marisa			Y		7
22167005	Pure transvaginal appendectomy versus traditional laparoscopic appendectomy for acute appendicitis: a prospective cohort study.	2012	Annals Of Surgery	Roberts, Kurt E; Solomon, Daniel; Mirensky, Tamar; Silasi, Dan-Arin; Duffy, Andrew J; Rutherford, Tom; Longo, Walter E; Bell, Robert L			Y		33
22161082	Does ramosetron reduce postoperative emesis and pain after TKA?	2012	Clinical Orthopaedics And Related Research	Koh, In Jun; Chang, Chong Bum; Jeon, Young-Tae; Ryu, Jung-Hee; Kim, Tae Kyun			Y		8
22156333	The efficacy of intravenous patient-controlled analgesia after intracranial surgery of the posterior fossa: a prospective, randomized controlled trial.	2012	Anesthesia And Analgesia	Morad, Athir; Winters, Bradford; Stevens, Robert; White, Elizabeth; Weingart, Jon; Yaster, Myron; Gottschalk, Allan			Y		14
22150655	Management of constipation in patients receiving palliative care.	2011	American Family Physician	Cayley, William E Jr			Y		2
22150490	Apnea and mydriasis after postoperative tramadol administration: an unusual complication and possible underlying mechanisms.	2012	Anaesthesia	Makris, A; Matala, M-E; Tsirigotis, A; Karmaniolou, I			Y		5
22132422	Surrogate decision making: a woman in fulminant liver failure after an acetaminophen overdose.	2011	Surgery	O'Connor, Erin S; Schwarze, Margaret L; Kodner, Ira J; Keune, Jason D			Y		1
22126917	Usefulness of olanzapine as an adjunct to opioid treatment and for the treatment of neuropathic pain.	2012	Anesthesiology	Torigoe, Kazuhiro; Nakahara, Kae; Rahmadi, Mahardian; Yoshizawa, Kazumi; Horiuchi, Hiroshi; Hirayama, Shigeto; Imai, Satoshi; Kuzumaki, Naoko; Itoh, Toshimasa; Yamashita, Akira; Shakunaga, Kiyoshi; Yamasaki, Mitsuaki; Nagase, Hiroshi; Matoba, Motohiro; Suzuki, Tsutomu; Narita, Minoru			Y		27

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22115823	Sublingual buprenorphine in acute pain management: a double-blind randomized clinical trial.	2012	Annals Of Emergency Medicine	Jalili, Mohammad; Fathi, Marzieh; Moradi-Lakeh, Maziar; Zehtabchi, Shahriar Gugelmann, Hallam M; Perrone, Jeanmarie			Y		17
22110107	Can prescription drug monitoring programs help limit opioid abuse?	2011	JAMA				Y		80
22105251	Transversus abdominis plane infiltration and quality of recovery after laparoscopic hysterectomy: a randomized controlled trial.	2011	Obstetrics And Gynecology	De Oliveira, Gildasio S Jr; Milad, Magdy P; Fitzgerald, Paul; Rahmani, Rodd; McCarthy, Robert J McCarberg, Bill H					35
22104462	Chronic pain: reducing costs through early implementation of adherence testing and recognition of opioid misuse.	2011	Postgraduate Medicine	McCarberg, Bill H			Y		14
22104461	A critical assessment of opioid treatment adherence using urine drug testing in chronic pain management.	2011	Postgraduate Medicine	McCarberg, Bill H			Y		17
22104069	A meta-analysis of the use of nonsteroidal antiinflammatory drugs for pediatric postoperative pain.	2012	Anesthesia And Analgesia	Michelet, Daphne; Andreu-Gallien, Juliette; Bensalah, Tarik; Hilly, Julie; Wood, Chantal; Nivoche, Yves; Mantz, Jean; Dahmani, Souhayl			Y		71
22089341	Clearing the smoke around medical marijuana.	2011	Clinical Pharmacology And Therapeutics	Ware, M A			Y		4
22082683	Selective 5-HT(1A)-R-agonist repinolan prevents remifentanil-induced ventilatory depression and prolongs antinociception.	2012	Anesthesiology	Guenther, Ulf; Theuerkauf, Nils U; Huse, Daniel; Boettcher, Michael F; Wensing, Georg; Putensen, Christian; Hoeft, Andreas Spadari, Michel; Canioni, Danielle; Gregoire, Emilie; Drouet, Genevieve; Bourdon, Jean Hubert; Arditi, Jocelyne; Micallef, Joelle					Not found on Microsoft Academic
22077250	Cannabis body packing: two case reports.	2011	Clinical Toxicology (Philadelphia, Pa.)	Aguirre, Jose; Baulig, Barbara; Dora, Claudio; Ekatodramis, Georgios; Volta-Velis, Gina; Ruland, Philipp; Borgeat, Alain			Y		7
22075018	Continuous epicapsular ropivacaine 0.3% infusion after minimally invasive hip arthroplasty: a prospective, randomized, double-blinded, placebo-controlled study comparing continuous wound infusion with morphine patient-controlled analgesia.	2012	Anesthesia And Analgesia	Haydon, Michael L; Larson, David; Reed, Enrique; Shrivastava, Vineet K; Preslicka, Christine W; Nageotte, Michael P			Y		24
22071061	Obstetric outcomes and maternal satisfaction in nulliparous women using patient-controlled epidural analgesia.	2011	American Journal Of Obstetrics And Gynecology	Weiss, Roger D; Potter, Jennifer Sharpe; Fiellin, David A; Byrne, Marilyn; Connery, Hilary S; Dickinson, William; Gardin, John; Griffin, Margaret L; Gourevitch, Marc N; Haller, Deborah L; Hasson, Albert L; Huang, Zhen; Jacobs, Petra; Kosinski, Andrzej S; Lindblad, Robert; McCance-Katz, Elinore F; Provost, Scott E; Selzer, Jeffrey; Somoza, Eugene C; Sonne, Susan C; Lind, Walter					20
22065255	Adjunctive counseling during brief and extended buprenorphine-naloxone treatment for prescription opioid dependence: a 2-phase randomized controlled trial.	2011	Archives Of General Psychiatry	Nagy, Abraham J; Gandhi, Sonia; Bhola, Ria; Goadsby, Peter J Abrams, D I; Couey, P; Shade, S B; Kelly, M E; Benowitz, N L Parker Vail, Thomas		Y			223
22058312	A comparison of methods of post-operative analgesia in children undergoing limb reconstruction with circular frames.	2011	The Journal Of Bone And Joint Surgery. British Volume	Zywiel, Michael G; Stroh, D Alex; Lee, Seung Yong; Bonutti, Peter M; Mont, Michael A			Y		4
22049203	Intravenous dihydroergotamine for inpatient management of refractory primary headaches.	2011	Neurology	Zhao, Chengshui; Leitges, Michael; Gereau, Robert W 4th Sharma, Anshuman; Talchief, Danielle; Blood, Jane; Kim, Thomas; London, Amy; Kharasch, Evan D			Y		51
22048225	Cannabinoid-opioid interaction in chronic pain.	2011	Clinical Pharmacology And Therapeutics	Brown, Sarah M; Holtzman, Michael; Kim, Thomas; Kharasch, Evan D Rastogi, Rahul; Swarm, Robert A; Patel, Trushartha A			Y		122
22048108	Preoperative pain management decisions impact outcome after total knee arthroplasty-implications for opiate use: commentary on an article by Michael G. Zywiel, MD, et al.: "Chronic opioid use prior to total knee arthroplasty".	2011	The Journal Of Bone And Joint Surgery. American Volume	Platts-Mills, Timothy F; Esserman, Denise A; Brown, D Levin; Bortsov, Andrey V; Sloane, Philip D; McLean, Samuel A			Y		5
22048093	Chronic opioid use prior to total knee arthroplasty.	2011	The Journal Of Bone And Joint Surgery. American Volume	Ishida, Ryosuke; Nikai, Tetsuro; Hashimoto, Tatsuya; Tsumori, Toshiko; Saito, Yoji			Y		151
22042410	Isozyme-specific effects of protein kinase C in pain modulation.	2011	Anesthesiology	O'Neill, Patricia; Duarte, Filipa; Ribeiro, Isabel; Centeno, Maria Joao; Moreira, Joao			Y		23
22037641	Perioperative pharmacokinetics of methadone in adolescents.	2011	Anesthesiology	AI-Hasani, Ream; Bruchas, Michael R			Y		16
22037640	Buprenorphine metabolites, buprenorphine-3-glucuronide and norbuprenorphine-3-glucuronide, are biologically active.	2011	Anesthesiology	Brown, Sarah M; Holtzman, Michael; Kim, Thomas; Kharasch, Evan D			Y		62
22037635	Case scenario: opioid association with serotonin syndrome: implications to the practitioners.	2011	Anesthesiology	Rastogi, Rahul; Swarm, Robert A; Patel, Trushartha A			Y		Not found on Microsoft Academic
22037559	Oral opioid analgesics vs. spinal steroid injections in the treatment of low back pain syndromes.	2012	American Journal Of Physical Medicine & Rehabilitation	Nampiaparampil, Devi E; Nampiaparampil, Geetha M; Nampiaparampil, Robert G			Y		6
22032803	Older US emergency department patients are less likely to receive pain medication than younger patients: results from a national survey.	2012	Annals Of Emergency Medicine	Platts-Mills, Timothy F; Esserman, Denise A; Brown, D Levin; Bortsov, Andrey V; Sloane, Philip D; McLean, Samuel A			Y		76
22025495	Intravenous infusion of remifentanil induces transient withdrawal hyperalgesia depending on administration duration in rats.	2012	Anesthesia And Analgesia	Ishida, Ryosuke; Nikai, Tetsuro; Hashimoto, Tatsuya; Tsumori, Toshiko; Saito, Yoji					22
22025490	Ropivacaine continuous wound infusion versus epidural morphine for postoperative analgesia after cesarean delivery: a randomized controlled trial.	2012	Anesthesia And Analgesia	O'Neill, Patricia; Duarte, Filipa; Ribeiro, Isabel; Centeno, Maria Joao; Moreira, Joao			Y		42
22020140	Molecular mechanisms of opioid receptor-dependent signaling and behavior.	2011	Anesthesiology				Y		264

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22019968	Interferential current therapy in patients with knee osteoarthritis: comparison of the effectiveness of different amplitude-modulated frequencies.	2012	American Journal Of Physical Medicine & Rehabilitation	Gundog, Meltem; Atamaz, Funda; Kanyilmaz, Selcen; Kirazli, Yesim; Celepoglu, Gunay		Y		19
22012532	Current and innovative pain management techniques in total knee arthroplasty.	2011	The Journal Of Bone And Joint Surgery. American Volume	Dalury, David F; Lieberman, Jay R; MacDonald, Steven J		Y		51
21996159	Is it safe to use opioids for obstetric pain while breastfeeding?	2012	The Journal Of Pediatrics	van den Anker, John N		Y		14
21972884	The influence of patient position on withdrawal force of thoracic epidural catheters.	2012	Anaesthesia	Sim, W S; Choi, J W; Lee, C J; Nahm, F S; Lee, S H; Shin, B S; Cho, H S	Y			1
21971168	How to tackle the prescription opioid crisis.	2011	BMJ (Clinical Research Ed.)	Norman, Jon; Caisley, Catherine		Y		0
21969957	Ukraine failing to provide evidence-based palliative care.	2011	Lancet (London, England)	Burki, Talha Khan		Y		0
21965355	Perioperative single dose ketorolac to prevent postoperative pain: a meta-analysis of randomized trials.	2012	Anesthesia And Analgesia	De Oliveira, Gildasio S Jr; Agarwal, Deepthi; Benzon, Honorio T	Y			106
21964431	A (1)(8)-fluorodeoxyglucose MicroPET imaging study to assess changes in brain glucose metabolism in a rat model of surgery-induced latent pain sensitization.	2011	Anesthesiology	Romero, Asuncion; Rojas, Santiago; Cabanero, David; Gispert, Juan D; Herance, Jose R; Campillo, Ana; Puig, Margarita M			Not found on Microsoft Academic	
21962316	Opioid use, misuse, and abuse in patients labeled as fibromyalgia.	2011	The American Journal Of Medicine	Fitzcharles, Mary-Ann; Ste-Marie, Peter A; Gamsa, Ann; Ware, Mark A; Shir, Yoram				50
21960156	Can a periaricular levobupivacaine injection reduce postoperative opiate consumption during primary hip arthroplasty?	2012	Clinical Orthopaedics And Related Research	Murphy, Terence P; Byrne, Damien P; Curtin, Paul; Baker, Joseph F; Mulhall, Kevin J		Y		45
21958795	Adhesive-enhanced sternal closure to improve postoperative functional recovery: a pilot, randomized controlled trial.	2011	The Annals Of Thoracic Surgery	Fedak, Paul W M; Kieser, Teresa M; Maitland, Andrew M; Holland, Margaret; Kasatkina, Aleksey; Leblanc, Pamela; Kim, Jae K; King, Kathryn M				22
21953085	Characterization of a new animal model for evaluation and treatment of back pain due to lumbar facet joint osteoarthritis.	2011	Arthritis And Rheumatism	Kim, Jae-Sung; Kroin, Jeffrey S; Buvanendran, Asokumar; Li, Xin; van Wijnen, Andre J; Tuman, Kenneth J; Im, Hee-Jeong				24
21948277	Local infiltration analgesia for pain after total knee replacement surgery: a winner or just a strong runner-up?	2011	Anesthesia And Analgesia	Raeder, Johan C		Y		14
21946150	Rewarding electrical brain stimulation in rats after peripheral nerve injury: decreased facilitation by commonly abused prescription opioids.	2011	Anesthesiology	Ewan, Eric E; Martin, Thomas J		Y		20
21944990	Comparison of outpatient narcotic prescribing patterns after minimally invasive versus retroperitoneal and perineal radical prostatectomy.	2011	The Journal Of Urology	Kowalczyk, Keith J; Weinburg, Aaron C; Gu, Xiangmei; Yu, Hua-Yin; Lipsitz, Stuart R; Williams, Stephen B; Hu, Jim C				5
21944988	Editorial comment.	2011	The Journal Of Urology	Chung, Benjamin I		Y	Not found on Microsoft Academic	
21944986	Editorial comment.	2011	The Journal Of Urology	Raman, Jay D		Y	Not found on Microsoft Academic	
21944098	Renal autotransplantation and modified pyelovesicostomy for intractable metabolic stone disease.	2011	The Journal Of Urology	Flechner, Stuart M; Noble, Mark; Tiong, Ho Yee; Coffman, Kathy L; Wee, Alvin		Y		13
21940091	Is clonidine an adequate alternative to epinephrine as a vasoconstrictor in patients with hypertension?	2012	Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Patil, Pavan M; Patil, Seema P		Y		12
21926562	Pharmacological consequence of the A118G mu opioid receptor polymorphism on morphine- and fentanyl-mediated modulation of Ca(2)(+) channels in humanized mouse sensory neurons.	2011	Anesthesiology	Mahmoud, Saifeldin; Thorsell, Annika; Sommer, Wolfgang H; Heilig, Markus; Holgate, Joan K; Bartlett, Selena E; Ruiz-Velasco, Victor		Y	Not found on Microsoft Academic	
21926374	The effect of neuraxial versus general anesthesia techniques on postoperative quality of recovery and analgesia after abdominal hysterectomy: a prospective, randomized, controlled trial.	2011	Anesthesia And Analgesia	Catro-Alves, Lucas J Santana; De Azevedo, Vera Lucia Fernandes; De Freitas Braga, Tania F; Goncalves, Antonio C; De Oliveira, Gildasio S Jr		Y		47
21926373	A dose-ranging study of the effect of transversus abdominis block on postoperative quality of recovery and analgesia after outpatient laparoscopy.	2011	Anesthesia And Analgesia	De Oliveira, Gildasio S Jr; Fitzgerald, Paul C; Marcus, R-Jay; Ahmad, Shireen; McCarthy, Robert J		Y		64
21918162	Intrapерitoneal ropivacaine nebulization for pain management after laparoscopic cholecystectomy: a comparison with intraperitoneal instillation.	2011	Anesthesia And Analgesia	Bucciero, Mario; Ingelmo, Pablo M; Fumagalli, Roberto; Noll, Eric; Garbaganti, Andrea; Somaini, Marta; Joshi, Girish P; Vitale, Giovanni; Giardini, Vittorio; Diemunsch, Pierre				24
21911832	Warfarin and acetaminophen interaction: a summary of the evidence and biologic plausibility.	2011	Blood	Lopes, Renato D; Horowitz, John D; Garcia, David A; Crowther, Mark A; Hylek, Elaine M				18
21904098	Opioid titration and conversion in patients receiving morphine sulfate and naltrexone hydrochloride extended release capsules.	2011	Postgraduate Medicine	Webster, Lynn R; Brewer, Randall; Morris, David; Cleveland, Jody M; Setnik, Beatrice	Y			6
21904097	Management of chronic noncancer pain in depressed patients.	2011	Postgraduate Medicine	Barkin, Robert L; Barkin, Stacy J; Irving, Gordon A; Gordon, Allan		Y		16
21904096	Review of current guidelines on the care of postherpetic neuralgia.	2011	Postgraduate Medicine	Argoff, Charles E	Y			39
21893626	Long-term opioid therapy reconsidered.	2011	Annals Of Internal Medicine	Von Korff, Michael; Kolodny, Andrew; Deyo, Richard A; Chou, Roger		Y		141
21890889	A comparison between remifentanil and meperidine for labor analgesia: a systematic review.	2011	Anesthesia And Analgesia	Leong, Wan Ling; Sng, Ban Leong; Sia, Alex Tiong Heng		Y		34

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2189085	The optimal dose of prophylactic intravenous naloxone in ameliorating opioid-induced side effects in children receiving intravenous patient-controlled analgesia morphine for moderate to severe pain: a dose finding study.	2011		Anesthesia And Analgesia	Monitto, Constance L; Kost-Byerly, Sabine; White, Elizabeth; Lee, Carlton K K; Rudek, Michelle A; Thompson, Carol; Yaster, Myron		Y		28
21886081	Communication skills and chronic pain management.	2011		Southern Medical Journal	Wooten, James		Y		0
21886080	Evaluation of pain management documentation.	2011		Southern Medical Journal	DeRemer, Christina E; Fleming, Virginia H; Brown, Shilpa; May, J Russell		Y		5
21883125	A randomised controlled trial of two analgesic techniques for paediatric tonsillectomy*.	2011		Anaesthesia	Rawlinson, E; Walker, A; Skone, R; Thillaivasan, A; Bagshaw, O	Y			10
21883123	Postoperative respiratory and analgesic effects of dexmedetomidine or morphine for adenotonsillectomy in children with obstructive sleep apnoea.	2011		Anaesthesia	Zhuang, P J; Wang, X; Zhang, X F; Zhou, Z J; Wang, Q	Y			20
21878810	Offset analgesia in neuropathic pain patients and effect of treatment with morphine and ketamine.	2011		Anesthesiology	Niesters, Marieke; Hoitsma, Elske; Sarton, Elise; Aarts, Leon; Dahan, Albert				42
21868459	Use of strong opioids in Canada rose sharply between 2005 and 2010.	2011		BMJ (Clinical Research Ed.)	Silverides, Ann		Y		1
21865493	Intrathecal ultra-low dose naloxone enhances the antinociceptive effect of morphine by enhancing the reuptake of excitatory amino acids from the synaptic cleft in the spinal cord of partial sciatic nerve-transected rats.	2011		Anesthesia And Analgesia	Yang, Chih-Ping; Cheng, Chen-Hwan; Wu, Ching-Tang; Huang, Hui-Yi; Tao, Pao-Luh; Wong, Chih-Shung				21
21862533	Facing up to the prescription opioid crisis.	2011		BMJ (Clinical Research Ed.)	Dhalla, Irfan A; Persaud, Navindra; Juurlink, David N		Y		97
21860298	Obstetrician and nurse-midwife collaboration: successful public health and private practice partnership.	2011		Obstetrics And Gynecology	Shaw-Battista, Jenna; Fineberg, Annette; Boehler, Barbara; Skubic, Blanche; Woolley, Deborah; Tilton, Zoe		Y		27
21857500	Buprenorphine disrupts sleep and decreases adenosine concentrations in sleep-regulating brain regions of Sprague Dawley rat.	2011		Anesthesiology	Gauthier, Elizabeth A; Guzik, Sarah E; Brummett, Chad M; Baghdoyan, Helen A; Lydic, Ralph				20
21844549	Comparative effectiveness of pain management interventions for hip fracture: a systematic review.	2011		Annals Of Internal Medicine	Abou-Setta, Ahmed M; Beaupre, Lauren A; Rashiq, Saifee; Dryden, Donna M; Hamm, Michele P; Sadowski, Cheryl A; Menon, Matthew R G; Majumdar, Sumit R; Wilson, Donna M; Karkhaneh, Mohammad; Mousavi, Shima S; Wong, Kai; Tjosvold, Lisa; Jones, C Alvson	Y			98
21837673	Human mu-opioid receptor gene A118G polymorphism predicts the efficacy of tramadol/acetaminophen combination tablets (ultracet) in oxaliplatin-induced painful neuropathy.	2012		Cancer	Liu, Yu-Chang; Wang, Wei-Shu				25
21836545	Extended-release hydromorphone (Exalgo) for pain.	2011		The Medical Letter On Drugs And Therapeutics			Y		Not found on Microsoft Academic
21835837	Nitrous oxide analgesia during retinopathy screening: a randomised controlled trial.	2012		Archives Of Disease In Childhood: Fetal And Neonatal Edition	Mandel, Romain; Ali, Nabee; Chen, John; Galic, Ivan John; Levesque, Linda				9
21824961	The comparative safety of opioids for nonmalignant pain in older adults.	2011		Archives Of Internal Medicine	Devitt, Neal		Y		0
21824060	Increased adolescent opioid use and complications reported to a poison control center following the 2000 JCAHO pain initiative.	2011		Clinical Toxicology (Philadelphia, Pa.)	Tormoehlen, Laura M; Mowry, James B; Bodle, Jeffrey D; Rusyniak, Daniel E				26
21821512	A prospective survey of patient-controlled epidural analgesia with bupivacaine and clonidine after total hip replacement: a pre- and postchange comparison with bupivacaine and hydromorphone in 1,000 patients.	2011		Anesthesia And Analgesia	Liu, Spencer S; Bae, James J; Bieltz, Mihai; Wukovits, Barbara; Ma, Yan				6
21821511	Continuous peripheral nerve blocks: a review of the published evidence.	2011		Anesthesia And Analgesia	Ilfeld, Brian M		Y		246
21821506	Local infiltration analgesia versus intrathecal morphine for postoperative pain management after total knee arthroplasty: a randomized controlled trial.	2011		Anesthesia And Analgesia	Essving, Per; Axelsson, Kjell; Aberg, Elisabeth; Spannar, Henrik; Gupta, Anil; Lundin, Anders				79
21820233	A double-blind randomized crossover study to evaluate the timing of pregabalin for third molar surgery under local anesthesia.	2012		Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Cheung, Chi Wai; Choi, Wing Shan; Leung, Yiu Yan; Lui, Frances; Ng, Jacobus Kwok Fu; Hei-Ho, Anthony Ming; Irwin, Michael Garnet		Y		14
21813629	An intraoperative small dose of ketamine prevents remifentanil-induced postanesthetic shivering.	2011		Anesthesia And Analgesia	Nakasui, Masato; Nakamura, Mitsuyo; Imanaka, Norie; Tanaka, Masaji; Nomura, Masataka; Suh, Soon Hak		Y		9
21813494	Medical marijuana use and suicide attempt in a patient with major depressive disorder.	2011		The American Journal Of Psychiatry	Nussbaum, Abraham; Thurstone, Christian; Binswanger, Ingrid				9
21795869	Use of ultra rapid opioid detoxification in the treatment of US military burn casualties.	2011		The Journal Of Trauma	Maani, Christopher V; DeSocio, Peter A; Jansen, Richard K; Merrell, Jason D; McGhee, Laura L; Young, Alan; Williams, James F; Tyrell, Katie; Jackson, Bonnie A; Serio-Melvin, Maria L; Blackbourne, Lorrie H; Renz, Evan M		Y		11
21802777	Increasing computed tomography use for patients with appendicitis and discrepancies in pain management between adults and children: an analysis of the NHAMCS.	2012		Annals Of Emergency Medicine	Tsze, Daniel S; Asnis, Lisa M; Merchant, Roland C; Amanullah, Siraj; Linakis, James G		Y		40

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21801866	Mu opioid signaling protects against acute murine intestinal injury in a manner involving Stat3 signaling.	2011	The American Journal Of Pathology	Goldsmith, Jason R; Uronis, Joshua M; Jobin, Christian		Y		33
21799397	Perioperative single dose systemic dexamethasone for postoperative pain: a meta-analysis of randomized controlled trials.	2011	Anesthesiology	De Oliveira, Gildasio S Jr; Almeida, Marcela D; Benzon, Honorio T; McCarthy, Robert J		Y		276
21798556	Rapid sequence induction is superior to morphine for intubation of preterm infants: a randomized controlled trial.	2011	The Journal Of Pediatrics	Norman, Elisabeth; Wikstrom, Sverre; Hellstrom-Westas, Lena; Turpeinen, Ursula; Hamalainen, Esa; Fellman, Vineta				39
21788846	Transversus abdominis plane block anesthesia in abdominoplasties.	2011	Plastic And Reconstructive Surgery	Sforza, Marcos; Andjelkov, Katarina; Zucchetti, Renato; Nagi, Hussein; Colic, Miodrag		Y		29
21788839	Comparison of minimally invasive versus conventional open harvesting techniques for iliac bone graft in secondary alveolar cleft patients.	2011	Plastic And Reconstructive Surgery	Sharma, Sheel; Schneider, Lisa F; Barr, Jason; Aarabi, Shahram; Chibbaro, Patricia; Grayson, Barry; Cutting, Court B		Y		19
21788333	Challenges in interpreting joined allelic combinations of OPRM1 and COMT genes.	2011	Anesthesia And Analgesia	Landau, Ruth; Ortner, Clemens; Carvalho, Brendan		Y		6
21788321	Ketamine activates the L-arginine/Nitric oxide/cyclic guanosine monophosphate pathway to induce peripheral antinociception in rats.	2011	Anesthesia And Analgesia	Romero, Thiago R L; Galdino, Giovane S; Silva, Grazielle C; Resende, Livia C; Perez, Andrea C; Cortes, Steyner F; Duarte, Igor D G				31
21788320	The intrathecally administered kappa-2 opioid agonist GR89696 and interleukin-10 attenuate bone cancer-induced pain through synergistic interaction.	2011	Anesthesia And Analgesia	Kim, Woong Mo; Jeong, Cheol Won; Lee, Seong Heon; Kim, Yeo Ok; Cui, Jin Hua; Yoon, Myung Ha				8
21788309	Programmed intermittent epidural bolus versus continuous epidural infusion for labor analgesia: the effects on maternal motor function and labor outcome. A randomized double-blind study in nulliparous women.	2011	Anesthesia And Analgesia	Capogna, Giorgio; Camorcia, Michela; Stirparo, Silvia; Farcomeni, Alessio		Y		73
21785102	Palliation of painful metastatic disease involving bone with imaging-guided treatment: comparison of patients' immediate response to radiofrequency ablation and cryoablation.	2011	AJR. American Journal Of Roentgenology	Thacker, Paul G; Callstrom, Matthew R; Curry, Timothy B; Mandrekar, Jayawant N; Atwell, Thomas D; Goetz, Matthew P; Rubin, Joseph		Y		70
21784668	Surgical treatment of chronic groin and testicular pain after laparoscopic and open preperitoneal inguinal hernia repair.	2011	Journal Of The American College Of Surgeons	Amid, Parviz K; Chen, David C		Y		44
21783298	Pre-emptive analgesic effectiveness of meloxicam versus tramadol after mandibular third molar surgery: a pilot study.	2012	Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Isiodia-Espinosa, Mario A; Sanchez-Prieto, Martin; Tobias-Azua, Francisco; Reyes-Garcia, Juan G		Y		6
21778336	Ketamine and remifentanil interactions on the sevoflurane minimum alveolar concentration and acute opioid tolerance in the rat.	2011	Anesthesia And Analgesia	Aguado, Delia; Abreu, Mariana; Benito, Javier; Garcia-Fernandez, Javier; Gomez de Segura, Ignacio A				10
21768865	Epidural analgesia for treatment of a sickle cell crisis during pregnancy.	2011	Obstetrics And Gynecology	Winder, Abigail D; Johnson, Stacie; Murphy, Jamie; Ehsaniipoor, Robert M		Y		6
21766771	Hemorrhoids.	2011	American Family Physician	Mousney, Anne L; Halladay, Jacqueline; Sadiq, Timothy S		Y	Not found on Microsoft Academic	
21765198	Efficacy of treating pain to reduce behavioural disturbances in residents of nursing homes with dementia: cluster randomised clinical trial.	2011	BMJ (Clinical Research Ed.)	Husebo, Bettina S; Ballard, Clive; Sandvik, Reidun; Nilsen, Odd Bjarte; Aarsland, Dag				260
21753726	Intranasal application of xenon reduces opioid requirement and postoperative pain in patients undergoing major abdominal surgery: a randomized controlled trial.	2011	Anesthesiology	Holstrater, Thorsten Frederik; Georgieff, Michael; Fohr, Karl Josef; Klingler, Werner; Uhl, Miriam Elisabeth; Walker, Tobias; Koster, Sarah; Gron, Georg; Adolph, Oliver		Y		12
21750001	Fatigue in knee and hip osteoarthritis: the role of pain and physical function.	2011	Rheumatology (Oxford, England)	Snijders, Gijs F; van den Ende, Cornelis H M; Fransen, Jaap; van Riel, Piet L C M; Stukstette, Mirella J P M; Defoort, Koet C; Arts-Sanders, Marianne A; van den Hoogen, Frank H J; den Broeder, Alfons A		Y		19
21748512	Platelet-rich plasma does not reduce blood loss or pain or improve range of motion after TKA.	2012	Clinical Orthopaedics And Related Research	Dionio, Timothy M; Burkholder, Justin D; Good, Robert P; Parviz, Javad; Sharkey, Peter F		Y		23
21742735	Endogenous morphine-like compound immunoreactivity increases in parkinsonism.	2011	Brain : A Journal Of Neurology	Charron, Giselle; Doudnikoff, Evelyne; Lau, Alexis; Berhet, Amandine; Porras, Gregory; Carron, Marie-Helene; Barroso-Chinea, Pedro; Li, Qin; Chuan; Nosten-Bertrand, Marika; Giros, Bruno; Delalande, Francois; Van Dorsselaer, Alain; Vital, Anne; Goumon, Yannick; Bezard, Erwan				18
21733968	Inequalities in primary care management of knee pain and disability in older adults: an observational cohort study.	2011	Rheumatology (Oxford, England)	Jinks, Clare; Vohora, Kanchan; Young, Julie; Handy, June; Porcheret, Mark; Jordan, Kelvin P				14
21725231	Clinical outcome of a randomized controlled blinded trial of open versus laparoscopic Nissen fundoplication in infants and children.	2011	Annals Of Surgery	McHoney, Merrill; Wade, Angie M; Eaton, Simon; Howard, Richard F; Kiely, Edward M; Drake, David P; Curry, Joe I; Pierro, Agostino				32
21712037	An unusual case of peritonitis in an intravenous drug user.	2011	Gastroenterology	Johns, Neil; Cooper, David; Terrace, John		Y		7
21709146	Enhanced analgesic responses after preferential delivery of morphine and fentanyl to the olfactory epithelium in rats.	2011	Anesthesia And Analgesia	Hoekman, John D; Ho, Rodney J Y				27

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21709124	A painful setback: misinterpretation of analgesic safety in older adults may inadvertently worsen pain care.	2011	Archives Of Internal Medicine	Hwang, Ula; Morrison, R Sean; Richardson, Lynne D; Todd, Knox H		Y		3
21709122	Safety of opioids in older adults.	2011	Archives Of Internal Medicine	Rastegar, Darius A		Y		0
21707564	A double-blind randomised comparison of intravenous patient-controlled remifentanil with intramuscular pethidine for labour analgesia.	2011	Anaesthesia	Ng, T K T; Cheng, B C P; Chan, W S; Lam, K K; Chan, M T V		Y		23
21705578	Neuritis ossificans of the tibial, common peroneal and lateral sural cutaneous nerves.	2011	The Journal Of Bone And Joint Surgery. British Volume	Katz, L D; Lindskog, D; Eisen, R		Y		5
21704873	Treatment of cancer pain.	2011	Lancet (London, England)	Portenoy, Russell K		Y		244
21704871	Treatment of acute postoperative pain.	2011	Lancet (London, England)	Wu, Christopher L; Raja, Srinivasa N				250
21701318	Ultrasound-guided bilateral transversus abdominis plane block for postoperative analgesia after breast reconstruction by DIEP flap.	2011	Plastic And Reconstructive Surgery	Hivelin, Mikael; Wyniecki, Anne; Plaud, Benoit; Marty, Jean; Lantieri, Laurent				28
21694579	Limitations regarding double-blinding, adherence to the intention to treat principle, and postoperative dosage of paracetamol.	2011	Annals Of Surgery	Frey, Joana; van der Linden, Jan				0
21690122	A "narcotics contract" for a patient with sickle cell disease and chronic pain.	2011	Pediatrics	Dampier, Carlton; Haywood, Carlton Jr; Lantos, John		Y		12
21681002	Patient characteristics associated with frequent calls to a headache specialty clinic.	2011	Postgraduate Medicine	Fisher, Karen G; Calhoun, Anne H; Ford, Sutapa; Pruitt, Amy P; Finkel, Alan G; Mann, J Douglas		Y		3
21680999	Clinical outcomes during opioid titration following initiation with or conversion to Remoxy(R), an extended-release formulation of oxycodone.	2011	Postgraduate Medicine	Roland, Carl L; Setnik, Beatrice; Cleveland, Jody M; Brown, David A				Not found on Microsoft Academic
21671543	Herpes zoster and postherpetic neuralgia: prevention and management.	2011	American Family Physician	Fashner, Julia; Bell, Amanda L		Y		39
21670611	Intraperitoneal local anesthetic improves recovery after colon resection: a double-blinded randomized controlled trial.	2011	Annals Of Surgery	Kahokehr, Arman; Sammour, Tarik; Zargar Shoshtari, Kamran; Taylor, Matthew; Hill, Andrew G		Y		49
21670333	Opioids for chronic pain.	2011	Archives Of Internal Medicine	Grady, Deborah; Berkowitz, Seth A; Katz, Mitchell H		Y		35
21661710	Treatment of knee osteoarthritis.	2011	American Family Physician	Ringdahl, Erika; Pandit, Sandesh		Y		57
21655901	Multimodal pain management after total joint arthroplasty.	2011	The Journal Of Bone And Joint Surgery. American Volume	Parvizi, Javad; Miller, Adam G; Gandhi, Kishor		Y		107
21646973	What I know about excruciating physical pain.	2011	Academic Medicine : Journal Of The Association Of American Medical Colleges	Possner, Adam B		Y		1
21642613	The median effective dose of ketamine and gabapentin in opioid-induced hyperalgesia in rats: an isobolographic analysis of their interaction.	2011	Anesthesia And Analgesia	Van Elstraete, Alain C; Sitbon, Philippe; Benhamou, Dan; Mazoit, Jean-Xavier		Y		9
21642610	Prior epidural lidocaine alters the pharmacokinetics and drug effects of extended-release epidural morphine (DepoDur(R)) after cesarean delivery.	2011	Anesthesia And Analgesia	Atkinson Ralls, Lindsey; Drover, David R; Clavijo, Claudia F; Carvalho, Brendan				Not found on Microsoft Academic
21642604	Is ultrasound guidance advantageous for interventional pain management? A review of acute pain outcomes.	2011	Anesthesia And Analgesia	Choi, Stephen; Brull, Richard		Y		24
21640969	Management of women treated with buprenorphine during pregnancy.	2011	American Journal Of Obstetrics And Gynecology	Alto, William A; O'Connor, Alane B		Y		25
21636074	Medication, surgery, and physiotherapy among patients with the hypermobility type of Ehlers-Danlos syndrome.	2011	Archives Of Physical Medicine And Rehabilitation	Rombaut, Lies; Malfait, Fransiska; De Wandele, Inge; Cools, Ann; Thijis, Youri; De Paeppe, Anne; Calders, Patrick		Y		48
21631349	Intraosseous catheter placement in children.	2011	The New England Journal Of Medicine	Thim, Troels; Lofgren, Bo; Grove, Erik L		Y		3
21627622	Stellate ganglion blockade for analgesia following upper limb surgery.	2011	Anaesthesia	McDonnell, J G; Finnerty, O; Laffey, J G		Y		26
21624874	Development and validation of a pictorial nausea rating scale for children.	2011	Pediatrics	Baxter, Amy L; Watcha, Mehermoor F; Baxter, William Valentine; Leong, Traci; Wyatt, Matthew M				39
21610272	Altered brain microstructure assessed by diffusion tensor imaging in patients with chronic pancreatitis.	2011	Gut	Frokjaer, Jens Brondum; Olesen, Soren Schou; Gram, Mikkel; Yavarian, Yousef; Bouwense, Stefan A W; Wilder-Smith, Oliver H G; Drewes, Asbjorn Mohr				53
21606825	Thoracic epidural analgesia and acute pain management.	2011	Anesthesiology	Manion, Smith C; Brennan, Timothy J		Y		68
21606765	Breast milk hydrocodone and hydromorphone levels in mothers using hydrocodone for postpartum pain.	2011	Obstetrics And Gynecology	Koren, Gideon		Y		28
21605727	What else is back there?	2011	The American Journal Of Medicine	Patel, Sandeep M; Dilaveri, Christina A		Y		0
21602662	Pregabalin suppresses spinal neuronal hyperexcitability and visceral hypersensitivity in the absence of peripheral pathophysiology.	2011	Anesthesiology	Bannister, Kirsty; Sikandar, Shafiq; Bauer, Claudia S; Dolphin, Annette C; Porreca, Frank; Dickenson, Anthony H				32
21596876	Magnesium sulfate prevents remifentanil-induced postoperative hyperalgesia in patients undergoing thyroideectomy.	2011	Anesthesia And Analgesia	Song, Jong Wook; Lee, Youn-Woo; Yoon, Kyung Bong; Park, Soo Jung; Shim, Yon Hee		Y		44
21577088	Regulation of spinal substance p release by intrathecal calcium channel blockade.	2011	Anesthesiology	Takasusuki, Toshifumi; Yaksh, Tony L		Y		30

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21566545	In brief: fentanyl sublingual tablets (Abstral) for breakthrough cancer pain.	2011	The Medical Letter On Drugs And Therapeutics			Y		Not found on Microsoft Academic
21566418	Sleep among opioid users.	2011	Postgraduate Medicine	Paturi, Anil K; Surani, Salim; Ramar, Kannan		Y	7	
21565874	Ukraine must loosen drugs policy to allow patients access to oral morphine, says report.	2011	BMJ (Clinical Research Ed.)	Osborn, Andrew		Y	0	
21559739	Gastrointestinal dysfunction following hemolytic uremic syndrome.	2011	Digestive Diseases And Sciences	Bowles, Cayley; Ancker, Megan; Triadafilopoulos, George		Y	3	
21555672	A true believer's flawed analysis.	2011	Archives Of Internal Medicine	Foley, Kathleen M; Fins, Joseph J; Inturrisi, Charles E		Y	5	
21544277	Clinical inquiries. What are the adverse effects of prolonged opioid use in patients with chronic pain?	2011	The Journal Of Family Practice	Edgerton, Lisa; Loven, Bridget		Y	3	
21543786	Low dose alpha-2 antagonist paradoxically enhances rat norepinephrine and clonidine analgesia.	2011	Anesthesia And Analgesia	Milne, Brian; Sutak, Maaja; Cahill, Catherine M; Jhamandas, Khem			5	
21536702	Prescription pain medication dependence.	2011	The American Journal Of Psychiatry	Dodrill, Carrie L; Helmer, Drew A; Kosten, Thomas R			22	
21525182	Performance characteristics and validation of the Opioid-Related Symptom Distress Scale for evaluation of analgesic side effects after orthopedic surgery.	2011	Anesthesia And Analgesia	Yadeau, Jacques T; Liu, Spencer S; Rade, Matthew C; Marcello, Dorothy; Liguori, Gregory A			21	
21521981	Intraoperative ketamine and chronic opioid use: less pain, more morphine?	2011	Anesthesiology	Seigne, Richard D		Y	1	
21520012	Patterns of pharmacotherapy and health care utilization and costs prior to total hip or total knee replacement in patients with osteoarthritis.	2011	Arthritis And Rheumatism	Berger, Ariel; Bozic, Kevin; Stacey, Brett; Edelsberg, John; Sadosky, Alesia; Oster, Gerry			31	
21507527	Randomized clinical trial comparing the safety and efficacy of a hydromorphone titration protocol to usual care in the management of adult emergency department patients with acute severe pain.	2011	Annals Of Emergency Medicine	Chang, Andrew K; Bijur, Polly E; Gallagher, E John		Y	19	
21502936	Transdermal buprenorphine (Butrans) for chronic pain.	2011	The Medical Letter On Drugs And Therapeutics			Y		Not found on Microsoft Academic
21497846	Robotic pyeloplasty: the University of California-Irvine experience.	2011	The Journal Of Urology	Etafy, Mohamed; Pick, Donald; Said, Shary; Hsueh, Thomas; Kerbl, David; Mucksavage, Phillip; Louie, Michael; McDougall, Elspeth; Clavman, Ralph		Y	25	
21490086	Intrathecal etanercept partially restores morphine's antinociception in morphine-tolerant rats via attenuation of the glutamatergic transmission.	2011	Anesthesia And Analgesia	Shen, Ching-Hui; Tsai, Ru-Yin; Tai, Yueh-Hwa; Lin, Shinn-Long; Chien, Chih-Cheng; Wong, Chih-Shung			18	
21482920	Evidence-based guideline: Treatment of painful diabetic neuropathy: report of the American Academy of Neurology, the American Association of Neuromuscular and Electrodiagnostic Medicine, and the American Academy of Physical Medicine and Rehabilitation.	2011	Neurology	Bril, V; England, J; Franklin, G M; Backonja, M; Cohen, J; Del Toro, D; Feldman, E; Iverson, D J; Perkins, B; Russell, J W; Zochodne, D	Y		326	
21482847	Limiting the potential harms of high-dose opioid therapy: comment on "Opioid dose and drug-related mortality in patients with nonmalignant pain".	2011	Archives Of Internal Medicine	Sullivan, Mark D		Y		15
21482846	Opioid dose and drug-related mortality in patients with nonmalignant pain.	2011	Archives Of Internal Medicine	Gomes, Tara; Mamdani, Muhammad M; Dhalla, Irfan A; Paterson, J Michael; Juurlink, David N			304	
21482831	Improving care at the end of life.	2011	Archives Of Internal Medicine	Grudzen, Corita; Grady, Deborah			0	
21474900	Pain management in primary care: strategies to mitigate opioid misuse, abuse, and diversion.	2011	Postgraduate Medicine	McCarberg, Bill H		Y	35	
21472151	Opioids for osteoarthritis? Weighing benefits and risks: a Cochrane Musculoskeletal Group review.	2011	The Journal Of Family Practice	Howes, Faline; Buchbinder, Rachelle; Winzenberg, Tania B		Y	8	
21471025	Efficacy of tramadol versus fentanyl for postoperative analgesia in neonates.	2012	Archives Of Disease In Childhood. Fetal And Neonatal Edition	Alencar, Ana Julia Couto; Sanudo, Adriana; Sampao, Virginia Maria Ramos; Gois, Rosicler Pereira; Benevides, Fernando Antonio Barbosa; Guinsburg, Ruth		Y	12	
21467560	The efficacy of a novel approach to transversus abdominis plane block for postoperative analgesia after colorectal surgery.	2011	Anesthesia And Analgesia	Bharti, Neerja; Kumar, Parag; Bala, Indu; Gupta, Vikas	Y		87	
21467287	Curtailing diversion and abuse of opioid analgesics without jeopardizing pain treatment.	2011	JAMA	Volkow, Nora D; McLellan, Thomas A		Y	150	
21467284	Association between opioid prescribing patterns and opioid overdose-related deaths.	2011	JAMA	Bohner, Amy S B; Valenstein, Marcia; Bair, Matthew J; Ganoczy, Dara; McCarthy, John F; Ilgen, Mark A; Blow, Frederic C		Y	671	
21460241	The kappa opioid system regulates endothelial cell differentiation and pathfinding in vascular development.	2011	Blood	Yamamoto, Kohji; Furuta, Sadayoshi; Katayama, Shiori; Narita, Michiko; Kuzumaki, Naoko; Imai, Satoshi; Nagase, Hiroshi; Suzuki, Tsutomu; Narita, Minoru; Yamashita, Jun K				Not found on Microsoft Academic
21458006	Totally thoracoscopic repair of ventricular septal defect: a short-term clinical observation on safety and feasibility.	2011	The Journal Of Thoracic And Cardiovascular Surgery	Ma, Zeng-Shan; Dong, Ming-Feng; Yin, Qiu-Yang; Feng, Zhi-Yu; Wang, Le-Xin		Y	15	
21457153	Comparison of analgesic efficacy of subcostal transversus abdominis plane blocks with epidural analgesia following upper abdominal surgery.	2011	Anaesthesia	Niraj, G; Kelkar, A; Jayapalan, I; Graff-Baker, P; Williams, O; Darbar, A; Maheshwaran, A; Powell, R			133	

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		Year	Month							
21455057	Polymorphism in the interleukin-1 receptor antagonist gene is associated with serum interleukin-1 receptor antagonist concentrations and postoperative opioid consumption.	2011		Anesthesiology	Candiotti, Keith A; Yang, Zongqi; Morris, Richard; Yang, Jinfeng; Crescimone, Nicolas A; Sanchez, Greys C; Bird, Vincent; Leveillee, Raymond; Rodriguez, Yilian; Liu, Huanliang; Zhang, Yu Dana; Bethea, John R; Gitlin, Melvin C		Y		19	
21446042	Undocumented alcoholism and its correlation with tobacco and illegal drug use in advanced cancer patients.	2011		Cancer	Dev, Rony; Parsons, Henrique A; Palla, Shana; Palmer, J Lynn; Del Fabbro, Egidio; Bruera, Eduardo Kornfeld, Howard		Y		59	
21444858	Buprenorphine as a safety net for opioid treatment of nonmalignant pain.	2011		Archives Of Internal Medicine	Kornfeld, Howard		Y		2	
21441760	Treatment options for osteoarthritis: considerations for older adults.	2011		Hospital Practice (1995)	Seed, Sheila M; Duncan, Kaelen C; Lynch, Ann M		Y		12	
21441241	Pain relief in neonates: when to use intravenous paracetamol.	2011		Archives Of Disease In Childhood	van den Anker, John N; Tibboel, Dick		Y		20	
21440708	Comparison of postoperative rehabilitation in cancer patients undergoing internal and external hemipelvectomy.	2011		Archives Of Physical Medicine And Rehabilitation	Guo, Ying; Fu, Jack; Palmer, J Lynn; Hanohano, Jeanine; Cote, Christina; Bruera, Eduardo Wong, Cynthia A; McCarthy, Robert J; Hewlett, Bradley		Y		6	
21430035	The effect of manipulation of the programmed intermittent bolus time interval and injection volume on total drug use for labor epidural analgesia: a randomized controlled trial.	2011		Anesthesia And Analgesia					52	
21422247	Endogenous opioid-mediated analgesia is dependent on adaptive T cell response in mice.	2011		Journal Of Immunology (Baltimore, Md. : 1950)	Boue, Jerome; Blanpied, Catherine; Brousset, Pierre; Vergnolle, Nathalie; Dietrich, Gilles				26	
21421231	Pediatric robotic extravesical ureteral reimplantation: comparison with open surgery.	2011		The Journal Of Urology	Smith, Ryan P; Oliver, Janine L; Peters, Craig A		Y		79	
21419546	Use of opioids in long-term management of temporomandibular joint dysfunction.	2011		Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Bouloux, Gary F		Y		8	
21411700	Prospective randomized evaluation of the need for blood transfusion during primary total hip arthroplasty with use of a bipolar sealer.	2011		The Journal Of Bone And Joint Surgery. American Volume	Barsoum, Wael K; Klika, Alison K; Murray, Trevor G; Higuera, Carlos; Lee, Ho H; Krebs, Viktor E				36	
21401538	The effect of combining dexamethasone with ondansetron for nausea and vomiting associated with fentanyl-based intravenous patient-controlled analgesia.	2011		Anaesthesia	Song, J W; Park, E Y; Lee, J G; Park, Y S; Kang, B C; Shim, Y H		Y		25	
21398574	Prospective, randomized, multicenter Food and Drug Administration investigational device exemption study of the ProDisc-L total disc replacement compared with circumferential arthrodesis for the treatment of two-level lumbar degenerative disc disease: results at twenty-four months.	2011		The Journal Of Bone And Joint Surgery. American Volume	Delamarter, Rick; Zigler, Jack E; Balderston, Richard A; Cammisa, Frank P; Goldstein, Jeffrey A; Spivak, Jeffrey M				66	
21386701	Regular exercise reverses sensory hypersensitivity in a rat neuropathic pain model: role of endogenous opioids.	2011		Anesthesiology	Stagg, Nicola J; Mata, Heriberto P; Ibrahim, Mohab M; Henriksen, Erik J; Porreca, Frank; Vanderah, Todd W; Philip Malan, T Jr				116	
21376168	Symptom resolution after hysterectomy and alternative treatments for chronic pelvic pain: does depression make a difference?	2011		American Journal Of Obstetrics And Gynecology	Learnam, Lee A; Gregorich, Steven E; Schembri, Michael; Jacoby, Alison; Jackson, Rebecca A; Kuppermann, Miriam		Y		11	
21376165	Current trends in narcotic use in pregnancy and neonatal outcomes.	2011		American Journal Of Obstetrics And Gynecology	Kellogg, Ann; Rose, Carl H; Harms, Roger H; Watson, William J		Y		63	
21368652	5-hydroxytryptamine type 3 receptor modulates opioid-induced hyperalgesia and tolerance in mice.	2011		Anesthesiology	Liang, De-Yong; Li, XiangQi; Clark, J David		Y		43	
21365618	Hematology/oncology fellows' training in palliative care: results of a national survey.	2011		Cancer	Buss, Mary K; Lessen, David S; Sullivan, Amy M; Von Roenn, Jamie; Arnold, Robert M; Block, Susan D		Y		63	
21364138	Nitric oxide for inhalation in the acute treatment of sickle cell pain crisis: a randomized controlled trial.	2011		JAMA	Gladwin, Mark T; Kato, Gregory J; Weiner, Debra; Onyekwere, Onyinye C; Dampier, Carlton; Hsu, Lewis; Hagar, R Ward; Howard, Thomas; Nuss, Rachelle; Okam, Maureen M; Tremonti, Carola K; Berman, Brian; Villella, Anthony; Krishnamurti, Lakshmanan; Lanzkron, Sophie; Castro, Oswaldo; Gordeuk, Victor R; Coles, Wynona A; Peters-Lawrence, Marlene; Nichols, James; Hall, Mary K; Hildesheim, Mariana; Blackwelder, William C; Baldassarre, James; Casella, James F					122
21353017	Efficacy of thoracic epidural analgesia with or without intercostal nerve cryoanalgesia for postthoracotomy pain.	2011		The Annals Of Thoracic Surgery	Mustola, Seppo T; Lempinen, Jukka; Saimanen, Eija; Vilko, Pekka		Y		18	
21346465	The use of algorithms in assessing and managing persistent pain in older adults.	2011		The American Journal Of Nursing	Jablonski, Anita M; DuPen, Anna R; Ersek, Mary		Y		11	
21343764	Breast milk hydrocodone and hydromorphone levels in mothers using hydrocodone for postpartum pain.	2011		Obstetrics And Gynecology	Sauberan, Jason B; Anderson, Philip O; Lane, James R; Rafie, Sally; Nguyen, Nancy; Rossi, Steven S; Stellwagen, Lisa M				28	
21334692	Hidden incision endoscopic surgery: description of technique, parental satisfaction and applications.	2011		The Journal Of Urology	Gargollo, Patricio C		Y		32	

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					Y				
21323557	Opioids and deaths.	2011	The New England Journal Of Medicine	Webster, Lynn R	Y				6
21317433	The pharmacokinetics of intravenous paracetamol in neonates: size matters most.	2011	Archives Of Disease In Childhood	Allegaert, Karel; Palmer, Greta M; Anderson, Brian J					85
21307767	Inflammation confers dual effects on nociceptive processing in chronic neuropathic pain model.	2011	Anesthesiology	Liou, Juiin-Tang; Liu, Fu-Chao; Mao, Chih-Chieh; Lai, Ying-Shu; Day, Yuan-Ji					38
21304148	The efficacy and safety of fentanyl buccal tablet compared with immediate-release oxycodone for the management of breakthrough pain in opioid-tolerant patients with chronic pain.	2011	Anesthesia And Analgesia	Ashburn, Michael A; Slevin, Kieran A; Messina, John; Xie, Fang	Y				43
21297541	Prolonged sinus pauses with hydromorphone in the absence of cardiac conduction disease.	2011	Southern Medical Journal	Snarr, Brian S; Rowley, Christopher P; Phan, Stephanie V; Achanti, Anand; Hendrix, Grady H			Y		2
21293255	Involvement of the lateral amygdala in the antialloodynic and reinforcing effects of heroin in rats after peripheral nerve injury.	2011	Anesthesiology	Martin, Thomas J; Buechler, Nancy L; Kim, Susy A; Ewan, Eric E; Xiao, Ruoyu; Childers, Steven R			Y		12
21293250	Opioid facilitation of rewarding electrical brain stimulation is suppressed in rats with neuropathic pain.	2011	Anesthesiology	Ewan, Eric E; Martin, Thomas J			Y		26
21288797	An unusual cause of double duct sign. Type I sphincter of Oddi dysfunction due to chronic opium addiction.	2011	Gastroenterology	Sharma, Malay; Mahadevan, Balakrishnan			Y		Not found on Microsoft Academic
21278566	When chronic pain can suppress the opioid kick: new insights from preclinical research.	2011	Anesthesiology	Barrot, Michel			Y		1
21277062	A comparison of the effects of midazolam/fentanyl and midazolam/tramadol for conscious intravenous sedation during third molar extraction.	2011	Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Goktay, Ozgen; Satilmis, Tulin; Garip, Hasan; Gonul, Onur; Goker, Kamil			Y		12
21256649	Nicotine nasal spray as an adjuvant analgesic for third molar surgery.	2011	Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Yagoubian, Benjamin; Akkara, Joseph; Afzali, Payam; Alfi, David M; Olson, Luke; Connell-Price, Jessamyn; Yeh, Janet; Eisig, Sidney B; Flood, Pamela			Y		14
21256626	A randomized controlled trial of ketamine/propofol versus propofol alone for emergency department procedural sedation.	2011	Annals Of Emergency Medicine	David, Henry; Shipp, Joseph			Y		68
21249483	Defining racial and ethnic disparities in pain management.	2011	Clinical Orthopaedics And Related Research	Mossey, Jana M			Y		71
21245738	Case scenario: self-extraction of intrathecal pump medication with a concomitant intrathecal granulomatous mass.	2011	Anesthesiology	Williams, Bryan S; Wong, David; Amin, Sandeep			Y		9
21245735	Thoracic epidural anesthesia improves early outcomes in patients undergoing off-pump coronary artery bypass surgery: a prospective, randomized, controlled trial.	2011	Anesthesiology	Caputo, Massimo; Alwair, Hazaim; Rogers, Chris A; Pike, Katie; Cohen, Alan; Monk, Christopher; Tomkins, Sally; Ryder, Ian; Moscariello, Cesare; Lucchetti, Vincenzo; Angelini, Gianni D			Y		44
21233498	Pharmacokinetics of single-dose intravenous ketorolac in infants aged 2-11 months.	2011	Anesthesia And Analgesia	Cohen, Mindy N; Christians, Uwe; Henkorn, Thomas; Vu Tran, Zung; Moll, Vanessa; Zuk, Jeannie; Galinkin, Jeffrey			Y		17
21233080	Does intravenous paracetamol administration affect body temperature in neonates?	2011	Archives Of Disease In Childhood	Hopchet, Lynn; Kulo, Aida; Rayyan, Maissa; Verbesselt, Rene; Vanhole, Christine; de Hoon, Jan N; Allegaert, Karel					16
21223629	Middle-ear surgery under sedation: comparison of midazolam alone or midazolam with remifentanil.	2011	The Journal Of Laryngology And Otology	Lee, J J; Lee, J H			Y		4
21212256	Morphine distribution in the spinal cord after chronic infusion in pigs.	2011	Anesthesia And Analgesia	Flack, Sean H; Anderson, Christine M; Bernards, Christopher					27
21164413	Creating the animated intensive care unit.	2010	Critical Care Medicine	Hall, Jesse B			Y		13
21182602	Efficacy of mirazapine in preventing intrathecal morphine-induced nausea and vomiting after orthopaedic surgery*.	2010	Anaesthesia	Chang, F-L; Ho, S-T; Sheen, M J					21
21173206	Intraoperative methadone: rediscovery, reappraisal, and reinvigoration?	2011	Anesthesia And Analgesia	Kharasch, Evan D			Y		26
21169793	p38 Mitogen-activated protein kinase activation by nerve growth factor in primary sensory neurons upregulates mu-opioid receptors to enhance opioid responsiveness toward better pain control.	2011	Anesthesiology	Yamdeu, Reine-Solange; Shaqura, Mohammed; Mousa, Shaaban A; Schafer, Michael; Droeze, Jana					Not found on Microsoft Academic
21168869	Overprescription of postoperative narcotics: a look at postoperative pain medication delivery, consumption and disposal in urological practice.	2011	The Journal Of Urology	Bates, Cory; Laciak, Robert; Southwick, Andrew; Bishoff, Jay			Y		144
21156974	The effects of oral ibuprofen and celecoxib in preventing pain, improving recovery outcomes and patient satisfaction after ambulatory surgery.	2011	Anesthesia And Analgesia	White, Paul F; Tang, Jun; Wender, Ronald H; Zhao, Manxu; Time, Michael; Zaentz, Alan; Yumul, Roya; Sloninsky, Alexander; Naruse, Robert; Kariger, Robert; Webb, Tom; Fermelia, David E; Tushima, Gregory K					33
21149755	The safety of opioid analgesics in the elderly: new data raise new concerns: comment on "The comparative safety of opioids for nonmalignant pain in older adults".	2010	Archives Of Internal Medicine	Becker, William C; O'Connor, Patrick G			Y		6
21149754	The comparative safety of opioids for nonmalignant pain in older adults.	2010	Archives Of Internal Medicine	Solomon, Daniel H; Rassen, Jeremy A; Glynn, Robert J; Garneau, Katie; Levin, Raisa; Lee, Joy; Schneeweiss, Sebastian			Y		152

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21149753	Analgesic use in the elderly: the "pain" and simple truth: comment on "The comparative safety of analgesics in older adults with arthritis".	2010	Archives Of Internal Medicine	Graf, Jonathan					12
21149752	The comparative safety of analgesics in older adults with arthritis.	2010	Archives Of Internal Medicine	Solomon, Daniel H; Rassen, Jeremy A; Glynn, Robert J; Lee, Joy; Levin, Raisa; Schneeweiss, Sebastian			Y		244
21149422	Use of quality-improvement methods to improve timeliness of analgesic delivery.	2011	Pediatrics	Iyer, Srikant B; Schubert, Charles J; Schoettker, Pamela J; Reeves, Scott D					21
21146104	Providing paediatric palliative care in Kenya.	2010	Lancet (London, England)	Scholten, Willem K; Milani, Barbara				Y	6
21131550	Modeling the effect of propofol and remifentanil combinations for sedation-analgesia in endoscopic procedures using an Adaptive Neuro Fuzzy Inference System (ANFIS).	2011	Anesthesia And Analgesia	Gambus, P L; Jensen, E W; Jospin, M; Borrat, X; Martinez Palli, G; Fernandez-Candil, J; Valencia, J F; Barba, X; Caminal, P; Troconiz, I F					27
21127283	Combined catechol-O-methyltransferase and mu-opioid receptor gene polymorphisms affect morphine postoperative analgesia and central side effects.	2011	Anesthesia And Analgesia	Kolesnikov, Yuri; Gabovits, Boris; Levin, Ariel; Voiko, Edward; Veske, Andres					Not found on Microsoft Academic
21127273	A comparison of sartorius versus quadriceps stimulation for femoral nerve block: a prospective randomized double-blind controlled trial.	2011	Anesthesia And Analgesia	Annas, Jonathan P; Chen, Ewen W; Nirkanan, Nasim; McCarthey, Colin J; Awad, Imad T					7
21127004	Intravenous paracetamol overdose: two case reports and a change to national treatment guidelines.	2011	Archives Of Disease In Childhood	Beringer, Richard M; Thompson, John P; Parry, Sarah; Stoddart, Peter A				Y	33
21098520	Pain management in young children undergoing diagnostic tympanocentesis.	2011	Clinical Pediatrics	Shahki, Nader; Hoberman, Alejandro; Kurs-Lasky, Marcia; Rockette, Howard E; Chandra, Anita; Colborn, D Kathleen; Hooper, Emma G; Reis, Evelyn Cohen				Y	1
21084785	Opioid therapy for osteoarthritis and chronic low back pain.	2010	Postgraduate Medicine	Altman, Roy D; Smith, Howard S					13
21081778	Etanercept restores the antinociceptive effect of morphine and suppresses spinal neuroinflammation in morphine-tolerant rats.	2011	Anesthesia And Analgesia	Shen, Ching-Hui; Tsai, Ru-Yin; Shih, Meng-Shen; Lin, Shinn-Long; Tai, Yueh-Hwa; Chien, Chih-Cheng; Wong, Chih-Shung					51
21081774	Case report: computed tomography scan-guided Gasserian ganglion injection of dexamethasone and lidocaine for the treatment of recalcitrant pain associated with herpes simplex type 1 infection of the ophthalmic division of the trigeminal nerve.	2011	Anesthesia And Analgesia	Candido, Kenneth D; Germanovich, Andrew; Ghaly, Ramsis F; Gorelick, Gleb H; Knezevic, Nebojsa Nick			Y		Not found on Microsoft Academic
21081764	Gabapentin improves postcesarean delivery pain management: a randomized, placebo-controlled trial.	2011	Anesthesia And Analgesia	Moore, Albert; Costello, Joseph; Wieczorek, Paul; Shah, Vibhuti; Taddio, Anna; Carvalho, Jose C A				Y	65
21081575	Right thoracic paravertebral anaesthesia for percutaneous radiofrequency ablation of liver tumours.	2011	The British Journal Of Radiology	Cheung Ning, M; Karmakar, M K					8
21079109	Comparative benefits of laparoscopic vs open hepatic resection: a critical appraisal.	2011	Archives Of Surgery (Chicago, Ill. : 1960)	Nguyen, Kevin Tri; Marsh, J Wallis; Tsung, Allan; Steel, J Jennifer L; Gamblin, T Clark; Geller, David A				Y	226
21060901	Is it time to drug test your chronic pain patient?	2010	The Journal Of Family Practice	McBane, Sarah; Weigle, Nancy				Y	2
21046704	The parlous state of palliative care in the developing world.	2010	Lancet (London, England)	Shetty, Priya				Y	12
21042200	Buprenorphine enhances and prolongs the postoperative analgesic effect of bupivacaine in patients receiving infragluteal sciatic nerve block.	2010	Anesthesiology	Candido, Kenneth D; Hennes, Jason; Gonzalez, Sergio; Mikat-Stevens, Marianne; Pinzur, Michael; Vasic, Vladimir; Knezevic, Nebojsa Nick				Y	50
21042130	Painless abdominoplasty: the efficacy of combined intercostal and paracetamol blocks in reducing postoperative pain and recovery time.	2010	Plastic And Reconstructive Surgery	Feng, Lu-Jean				Y	13
20979101	Systematic review and meta-analysis of intraperitoneal local anaesthetic for pain reduction after laparoscopic gastric procedures.	2011	The British Journal Of Surgery	Kahokehr, A; Sammour, T; Srinivasa, S; Hill, A G					61
20971961	Nefopam pharmacokinetics in patients with end-stage renal disease.	2010	Anesthesia And Analgesia	Mimozi, Olivier; Chauvet, Stephane; Gregoire, Nicolas; Marchand, Sandrine; Le Guen, Marie-Emmanuelle; Saleh, Ashraf; Couet, William; Debaene, Bertrand; Levy, Rene H					11
20969499	Fentanyl in postmortem forensic toxicology.	2010	Clinical Toxicology (Philadelphia, Pa.)	Palmer, Robert B				Y	23
20966667	Femoral nerve block improves analgesia outcomes after total knee arthroplasty: a meta-analysis of randomized controlled trials.	2010	Anesthesiology	Paul, James E; Arya, Aman; Hurlburt, Lindsay; Cheng, Ji; Thabane, Lehana; Tidy, Antonella; Murthy, Yamin				Y	245
20966443	Remifentanil decreases sevoflurane requirements to block autonomic hyperreflexia during transurethral litholapaxy in patients with high complete spinal cord injury.	2011	Anesthesia And Analgesia	Yoo, Kyung Y; Jeong, Cheol W; Kim, Seok J; Jeong, Seong T; Kim, Woong M; Lee, Hyung K; Oh, Kyung J; Lee, Jong Un; Shin, Min H; Chung, Sung S					7
20958277	The analgesic efficacy of continuous wound instillation with ropivacaine after open hepatic surgery.	2010	Anaesthesia	Chan, S K; Lai, P B; Li, P T; Wong, J; Karmakar, M K; Lee, K F; Gin, T				Y	33
20947206	Alfentanil for procedural sedation in the emergency department.	2011	Annals Of Emergency Medicine	Miner, James R; Gray, Richard; Delavarri, Parissa; Patel, Sagar; Patel, Roma; Plummer, David				Y	9
20940283	Concurrent drug use and the risk of perforated colonic diverticular disease: a population-based case-control study.	2011	Gut	Humes, David J; Fleming, Kate M; Spiller, Robin C; West, Joe					65

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20938337	Purinergic P2X receptor regulates N-methyl-D-aspartate receptor expression and synaptic excitatory amino acid concentration in morphine-tolerant rats.	2010	Anesthesiology	Tai, Yueh-Hua; Cheng, Pao-Yun; Tsai, Ru-Yin; Chen, Yuh-Fung; Wong, Chih-Shung					14
20930611	Effect of anesthetic technique on serum vascular endothelial growth factor C and transforming growth factor beta in women undergoing anesthesia and surgery for breast cancer.	2010	Anesthesiology	Looney, Micheal; Doran, Peter; Buggy, Donal J					Not found on Microsoft Academic
20889941	Continuous interscalene analgesia with ropivacaine 0.2% versus ropivacaine 0.3% after open rotator cuff repair: the effects on postoperative analgesia and motor function.	2010	Anesthesia And Analgesia	Borgeat, Alain; Aguirre, Jose; Marquardt, Michael; Mrdjen, Jelena; Blumenthal, Stephan					18
20884829	Safe use of opioids to manage pain in patients with cirrhosis.	2010	Mayo Clinic Proceedings	Swetz, Keith M; Carey, Elise C; Rho, Richard H; Mauck, William D; Whitford, Kevin J; Moynihan, Timothy J; Kaur, Judith S; Coyne, Patrick J; Smith, Thomas J		Y			3
20881282	Focused review: neuraxial morphine and oral herpes reactivation in the obstetric population.	2010	Anesthesia And Analgesia	Bauchat, Jeanette R		Y			Not found on Microsoft Academic
20881281	The use of prolonged peripheral neural blockade after lower extremity amputation: the effect on symptoms associated with phantom limb syndrome.	2010	Anesthesia And Analgesia	Borghi, Battista; D'Addabbo, Marco; White, Paul F; Galerani, Pina; Toccaceli, Letizia; Raffaelli, William; Togni, Andrea; Fabbri, Nicola; Mercuri, Mario		Y			92
20869036	Analgesic and antiemetic needs following minimally invasive vs open staging for endometrial cancer.	2011	American Journal Of Obstetrics And Gynecology	Fleming, Nicole D; Havrilesky, Laura J; Valea, Fidel A; Allen, Terrence K; Broadwater, Gloria; Bland, Amy; Habib, Ashraf S		Y			11
20864835	Smoking and pain: pathophysiology and clinical implications.	2010	Anesthesiology	Shi, Yu; Weingarten, Toby N; Mantilla, Carlos B; Hooten, W Michael; Warner, David O		Y			136
20859153	Improving continuous wound infusion effectiveness for postoperative analgesia after cesarean delivery: a randomized controlled trial.	2010	Obstetrics And Gynecology	Rackelboom, Thibaut; Le Strat, Solenn; Silvera, Stephane; Schmitz, Thomas; Bassot, Agnes; Goffinet, Francois; Ozier, Yves; Beaussier, Marc; Mignon, Alexandre	Y				57
20855984	Effect of dronabinol on central neuropathic pain after spinal cord injury: a pilot study.	2010	American Journal Of Physical Medicine & Rehabilitation	Rintala, Diana H; Fless, Richard Neil; Tan, Gabriel; Holmes, Sally Ann; Bruel, Brian M		Y			38
20855813	Urine drug testing is still an invaluable resource for primary care.	2010	Annals Of Internal Medicine	Reisfield, Gary M; Graham, Noni A; Gold, Mark S		Y			6
20846557	Total pancreatectomy and islet cell autotransplantation as a means of treating patients with genetically linked pancreatitis.	2010	Surgery	Sutton, Jeffrey M; Schmulewitz, Nathan; Sussman, Jeffrey J; Smith, Milton; Kurland, Jayde E; Brunner, John E; Salehi, Marzieh; Choe, Kyuran A; Ahmad, Syed A		Y			40
20824240	Protect your patients, protect your practice: practical risk assessment in the structuring of opioid therapy in chronic pain.	2010	The Journal Of Family Practice	Fine, Perry G; Finnegan, Thomas; Portenoy, Russell K		Y			5
20840529	The impact of mode of anaesthesia on postoperative recovery from fast-track abdominal hysterectomy: a randomised clinical trial.	2011	BJOG : An International Journal Of Borendal Wodlin, N; Nilsson, L; Kjolhede, P Obstetrics And Gynaecology						44
20837827	Emergency department visits among recipients of chronic opioid therapy.	2010	Archives Of Internal Medicine	Braden, Jennifer Brennan; Russo, Joan; Fan, Ming-Yu; Edlund, Mark J; Martin, Bradley C; DeVries, Andrea; Sullivan, Mark D		Y			144
20837826	Long-term opioid treatment of nonmalignant pain: a believer loses his faith.	2010	Archives Of Internal Medicine	Katz, Mitchell H		Y			34
20833289	Ending inequities in access to effective pain relief?	2010	Lancet (London, England)	Liberman, Jonathan; O'Brien, Megan; Hall, Wayne; Hill, David		Y			10
20823763	Efficacy and safety of melatonin as an anxiolytic and analgesic in the perioperative period: a qualitative systematic review of randomized trials.	2010	Anesthesiology	Yousaf, Farhanah; Seet, Edwin; Venkatraghavan, Lashmi; Abrishami, Amir; Chung, Frances		Y			57
20814401	In brief: propoxyphene toxicity.	2010	The Medical Letter On Drugs And Therapeutics			Y			Not found on Microsoft Academic
20802056	Ipsilateral transversus abdominis plane block provides effective analgesia after appendectomy in children: a randomized controlled trial.	2010	Anesthesia And Analgesia	Carney, John; Finnerty, Olivia; Rauf, Jassim; Curley, Gerard; McDonnell, John G; Laffey, John G					83
20736434	8-OH-DPAT prevents morphine-induced apoptosis in rat dorsal raphe nucleus: a possible mechanism for attenuating morphine tolerance.	2010	Anesthesia And Analgesia	Charkhpour, Mohammad; Nayebi, Ali Reza Mohajer; Doustar, Yousef; Hassanzadeh, Kambiz					11
20725076	Bundle up: it's painful out there--the case for opioid-acetaminophen combinations.	2010	Clinical Pharmacology And Therapeutics	Markman, J D		Y			1
20724688	Age and gender trends in long-term opioid analgesic use for noncancer pain.	2010	American Journal Of Public Health	Campbell, Cynthia I; Weisner, Constance; Leresche, Linda; Ray, G Thomas; Saunders, Kathleen; Sullivan, Mark D; Banta-Green, Caleb J; Merrill, Joseph O; Silverberg, Michael J; Boureau, Denise; Satre, Derek D; Von Korff, Michael		Y			131
20713581	United States war Veterans gain access to medicinal marijuana.	2010	CMAJ : Canadian Medical Association Journal (Journal De L'Association Medcale Canadienne)	Woodward, Cal		Y			0

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20712804	Monitoring of intra-operative nociception: skin conductance and surgical stress index versus stress hormone plasma levels.	2010	Anaesthesia	Ledowski, T; Pascoe, E; Ang, B; Schmarbeck, T; Clarke, M W; Fuller, C; Kapoor, V					28
20710131	Chronic calcific pancreatitis: combination ERCP and extracorporeal shock wave lithotripsy for pancreatic duct stones.	2010	Southern Medical Journal	Lawrence, Christopher; Siddiqi, M Faisal; Hamilton, Jonathan N; Keane, Thomas E; Romagnuolo, Joseph; Hawes, Robert H; Cotton, Peter B			Y		16
20705788	Dexmedetomidine infusion for analgesia and prevention of emergence agitation in children with obstructive sleep apnea syndrome undergoing tonsillectomy and adenoidectomy.	2010	Anesthesia And Analgesia	Patel, Anuradha; Davidson, Melissa; Tran, Minh C J; Quraishi, Huma; Schoenberg, Catherine; Sant, Manasee; Lin, Albert; Sun, Xiuru					100
20705784	The costs and benefits of extending the role of the acute pain service on clinical outcomes after major elective surgery.	2010	Anesthesia And Analgesia	Lee, Anna; Chan, Simon K C; Chen, Phoon Ping; Gin, Tony; Lau, Angel S C; Chiu, Chun Hung					28
20702554	The politics of pain.	2010	BMJ (Clinical Research Ed.)	Anderson, Tatum			Y		24
20693884	Fentanyl-sparing effect of acetaminophen as a mixture of fentanyl in intravenous parent-/nurse-controlled analgesia after pediatric uroteroneocystostomy.	2010	Anesthesiology	Hong, Jeong-Yeon; Kim, Won Oak; Koo, Bon Nyeo; Cho, Jin Sun; Suk, Eun H; Kil, Hae Keum			Y		27
20693876	Intraoperative ketamine reduces perioperative opiate consumption in opiate-dependent patients with chronic back pain undergoing back surgery.	2010	Anesthesiology	Loftus, Randy W; Yeager, Mark P; Clark, Jeffrey A; Brown, Jeremiah R; Abdul, William A; Sengupta, Dilip K; Beach, Michael L			Y		181
20683254	N-acetylcysteine protects against bupivacaine-induced myotoxicity caused by oxidative and sarcoplasmic reticulum stress in human skeletal myotubes.	2010	Anesthesiology	Galbes, Olivier; Bourret, Annick; Nouette-Gaulain, Karine; Pillard, Fabien; Matecki, Stefan; Py, Guillaume; Mercier, Jacques; Capdevila, Xavier; Philips, Alexandre					21
20683253	Potential influence of the anesthetic technique used during open radical prostatectomy on prostate cancer-related outcome: a retrospective study.	2010	Anesthesiology	Wuetrich, Patrick Y; Hsu Schmitz, Shu-Fang; Kessler, Thomas M; Thalmann, George N; Studer, Urs E; Stueber, Frank; Burkhard, Fiona C			Y		111
20683248	Ketamine for managing perioperative pain in opioid-dependent patients with chronic pain: a unique indication?	2010	Anesthesiology	Angst, Martin S; Clark, J David		Y			17
20675975	Morphine sulfate and naltrexone hydrochloride extended release capsules in patients with chronic osteoarthritis pain.	2010	Postgraduate Medicine	Katz, Nathaniel; Hale, Martin; Morris, David; Stauffer, Joseph		Y			35
20668969	A prospective randomized trial of mini-incision posterior and two-incision total hip arthroplasty.	2010	Clinical Orthopaedics And Related Research	Della Valle, Craig J; Dittle, Emily; Moric, Mario; Sporer, Scott M; Buvanendran, Asokumar					17
20664425	Primary iliopsoas abscess and pregnancy.	2010	Obstetrics And Gynecology	Nelson, David B; Manders, Dustin B; Shivvers, Stephan A			Y		3
20664083	Using response surfaces to expand the utility of MAC.	2010	Anesthesia And Analgesia	Short, Timothy G			Y		8
20656107	Painfully slow progress on palliative care.	2010	Lancet (London, England)				Y		Not found on Microsoft Academic
20649528	Analgesic efficacy of local anaesthetic wound administration in knee arthroplasty: volume vs concentration.	2010	Anaesthesia	Andersen, L O; Gaarn-Larsen, L; Kristensen, B B; Husted, H; Otte, K S; Kehler, H Jun, N H; Lee, J W; Song, J W; Koh, J C; Park, W S; Shim, Y H			Y		19
20645945	Optimal effect-concentration of remifentanil for preventing cough during emergence from sevoflurane-remifentanil anaesthesia.	2010	Anaesthesia	Kinsella, S M; Girgirah, K; Scrutton, M J L			Y		19
20642523	Rapid sequence spinal anaesthesia for category-1 urgency caesarean section: a case series.	2010	Anaesthesia	Lindsay, Tammy J; Rodgers, Blake C; Savath, Vincent; Hettinger, Kevin			Y		34
20642268	Treating diabetic peripheral neuropathic pain.	2010	American Family Physician	Vadamudi, Narendra; Alkhouri, Naim; Mahajan, Lori; Lopez, Rocío; Shen, Bo			Y		75
20635144	Ileoscopy via stoma after diverting ileostomy: a safe and effective tool to evaluate for Crohn's recurrence of neoterinal ileum.	2011	Digestive Diseases And Sciences	Negi, S; Singh, A; Chaudhary, A		Y			9
20632276	Pain relief after Frey's procedure for chronic pancreatitis.	2010	The British Journal Of Surgery	Kiega, A; Eberle, T; Buchholz, H-G; Maus, S; Maihofner, C; Schreckenberger, M; Birklein, F			Y		25
20625165	Central opioidergic neurotransmission in complex regional pain syndrome.	2010	Neurology	Breuer, Brenda; Cruciani, Ricardo; Portenoy, Russell K			Y		43
20625163	CRPS: Central aspects related to locus of pain, pathophysiology, and mood.	2010	Neurology	Nagler, Rafael M			Y		5
20622716	Pain management by primary care physicians, pain physicians, chiropractors, and acupuncturists: a national survey.	2010	Southern Medical Journal	Becker, William C; Fiellin, David A; Kerns, Robert D			Y		89
20621908	Opioid doses and increased risk for overdose.	2010	Annals Of Internal Medicine	Nahata, Milap C; Trinkley, Katy E			Y		0
20621907	Opioid doses and increased risk for overdose.	2010	Annals Of Internal Medicine	Koodie, Lisa; Ramakrishnan, Sundaram; Roy, Sabita			Y		0
20616349	Morphine suppresses tumor angiogenesis through a HIF-1 $\alpha$ /p38MAPK pathway.	2010	The American Journal Of Pathology	Olutoye, Olutoyin A; Glover, Chris D; Diefenderfer, John W; McGilberry, Michael; Wyatt, Matthew M; Larrier, Deidre R; Friedman, Ellen M; Watcha, Mehemnoor F			Y		Not found on Microsoft Academic
20610555	The effect of intraoperative dexmedetomidine on postoperative analgesia and sedation in pediatric patients undergoing tonsillectomy and adenoidectomy.	2010	Anesthesia And Analgesia	Dunn, Kate M; Hay, Elaine M			Y		41
20605881	Opioids for chronic musculoskeletal pain.	2010	BMJ (Clinical Research Ed.)	Virlas, I; Clements, D; Beynon, J; Ratnallikar, V; Khot, U			Y		3
20603849	Short-term outcomes with intrathecal versus epidural analgesia in laparoscopic colorectal surgery.	2010	The British Journal Of Surgery	Seehusen, Dean A			Y		42
20590067	Opioid therapy for chronic noncancer pain.	2010	American Family Physician				Y		6

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20584877	Pain management after elective hallux valgus surgery: a prospective randomized double-blind study comparing etoricoxib and tramadol.	2010	Anesthesia And Analgesia	Brattwall, Metha; Turan, Ibrahim; Jakobsson, Jan					24
20584850	Pain management in the paediatric population: the regulatory situation in Europe.	2010	Archives Of Disease In Childhood	Fortinguerra, F; Maschi, S; Clavenna, A; Bonati, M					7
20576966	CON: anesthesia versus analgesia: assessing the analgesic effects of anesthetic drugs.	2010	Anesthesia And Analgesia	White, Paul F			Y		9
20576963	The adverse effects of volatile anesthetics: a conundrum.	2010	Anesthesia And Analgesia	Glass, Peter; Benveniste, Helene			Y		0
20576662	Doing the right thing.	2010	Archives Of Disease In Childhood. Fetal And Neonatal Edition	Platt, Martin Ward			Y		0
20569735	Fibromyalgia syndrome: practical strategies for improving diagnosis and patient outcomes.	2010	The American Journal Of Medicine	Arnold, Lesley M; Clauw, Daniel J			Y		13
20565394	Postoperative analgesia for shoulder surgery: a critical appraisal and review of current techniques.	2010	Anaesthesia	Fredrickson, M J; Krishnan, S; Chen, C Y			Y		155
20565392	Continuous patient-controlled epidural infusion of levobupivacaine plus sufentanil in labouring primiparous women: effects of concentration.	2010	Anaesthesia	Tixier, S; Bonnin, M; Bolandard, F; Vernis, L; Lavergne, B; Bazin, J E; Duale, C			Y		6
20564146	Gabapentin for the treatment of pain syndrome related to radiation-induced mucositis in patients with head and neck cancer treated with concurrent chemoradiotherapy.	2010	Cancer	Bar Ad, Voichita; Weinstein, Gregory; Dutta, Pinaki R; Dosoretz, Arie; Chalian, Ara; Both, Stefan; Quon, Harry			Y		22
20561850	Toward a new approach for the detection of pain in adult patients undergoing cardiac surgery: near-infrared spectroscopy—a pilot study.	2010	Heart & Lung : The Journal Of Critical Care	Gelinas, Celine; Choiniere, Manon; Ranger, Manon; Denault, Andre; Deschamps, Alain; Johnston, Celeste					18
20558415	Alterations in brain structure and functional connectivity in prescription opioid-dependent patients.	2010	Brain : A Journal Of Neurology	Upadhyay, Jaymin; Maleki, Nasim; Potter, Jennifer; Elman, Igor; Rudrauf, David; Knudsen, Jaime; Wallin, Diana; Pendse, Gautam; McDonald, Leah; Griffin, Margaret; Anderson, Julie; Nutile, Lauren; Renshaw, Perry; Weiss, Roger; Becerra, Lino; Borsook, David					173
20547822	Transversus abdominis plane block does not provide additional benefit to multimodal analgesia in gynecological cancer surgery.	2010	Anesthesia And Analgesia	Griffiths, James D; Middle, Justine V; Barron, Fiona A; Grant, Sarah J; Popham, Phillip A; Royse, Colin F					69
20547730	And that's not all ...	2010	CMAJ : Canadian Medical Association Journal (Journal De L'Association Medicate Canadienne)	Hammer, Antony			Y		1
20544047	Fracture pain relief for kids? Ibuprofen does it better.	2010	The Journal Of Family Practice	Morris, Laura; Stulberg, Debra; Stevermer, James J			Y		6
20534666	Pain revisited. Barry Miller replies to Des Spence.	2010	BMJ (Clinical Research Ed.)	Miller, Barry			Y		0
20528839	Interpleural analgesia for attenuation of postoperative pain after hepatic resection.	2010	Anaesthesia	Weinberg, L; Scurrah, N; Parker, F; Story, D; McNicol, L			Y		5
20527063	Effects of pulsed electromagnetic fields on interleukin-1 beta and postoperative pain: a double-blind, placebo-controlled, pilot study in breast reduction patients.	2010	Plastic And Reconstructive Surgery	Rohde, Christine; Chiang, Austin; Adipoju, Omotunwo; Casper, Diana; Pilla, Arthur A			Y		Not found on Microsoft Academic
20522706	Lumbar cerebrospinal fluid drainage for thoracoabdominal aortic surgery: rationale and practical considerations for management.	2010	Anesthesia And Analgesia	Fedorow, Christine A; Moon, Michael C; Mutch, W Alan C; Grocott, Hilary P			Y		72
20520097	End-of-life opioid use.	2010	The American Journal Of Nursing	Appel, Lea			Y		0
20519423	The addition of fentanyl to local anesthetics affects the quality and duration of cervical plexus block: a randomized, controlled trial.	2010	Anesthesia And Analgesia	Sindjelic, Radomir P; Vlajkovic, Gordana P; Davidovic, Lazar B; Markovic, Dejan Z; Markovic, Miroslav D			Y		19
20513843	Use of opioids in management of chronic noncancer pain.	2010	Annals Of Internal Medicine	Kornfeld, Howard			Y		0
20513842	Use of opioids in management of chronic noncancer pain.	2010	Annals Of Internal Medicine	Reidenberg, Marcus M			Y		0
20513840	Opioids in management of chronic noncancer pain.	2010	Annals Of Internal Medicine	Gelfand, Stephen G			Y		0
20513831	Tackling the difficult problem of prescription opioid misuse.	2010	Annals Of Internal Medicine	Heit, Howard A; Gourlay, Douglas L			Y		7
20513829	Systematic review: treatment agreements and urine drug testing to reduce opioid misuse in patients with chronic pain.	2010	Annals Of Internal Medicine	Starrels, Joanna L; Becker, William C; Alford, Daniel P; Kapoor, Alok; Williams, Arthur; Robinson, Turner, Barbara J					184
20501812	Surgery for cancer: does anesthesia matter?	2010	Anesthesia And Analgesia	Bovill, James G			Y		29
20493998	Thoracoscopic chest wall resection: what is its role?	2010	The Annals Of Thoracic Surgery	Demmy, Todd L; Nwogu, Chukwumere E; Yendamuri, Sai			Y		27
20488929	The analgesic efficacy of subarachnoid morphine in comparison with ultrasound-guided transversus abdominis plane block after cesarean delivery: a randomized controlled trial.	2010	Anesthesia And Analgesia	Kanazi, Ghassan E; Aouad, Marie T; Abdallah, Faraj W; Khatib, Mohamad I; Adam, Al Moataz Billah F; Harfoush, Diala W; Siddik-Sayyid, Sahar M					83
20485147	Warming and humidification of insufflation carbon dioxide in laparoscopic colonic surgery: a double-blinded randomized controlled trial.	2010	Annals Of Surgery	Sammour, Tarik; Kahokehr, Arman; Hayes, Julian; Hulme-Moir, Mike; Hill, Andrew G					42
20477784	Effect-site concentration of propofol for reduction of remifentanil-induced cough.	2010	Anaesthesia	Kim, J Y; Lee, S Y; Kim, D H; Park, S K; Min, S K			Y		6
20467357	Another once-daily formulation of tramadol (Ryzolt).	2010	The Medical Letter On Drugs And Therapeutics				Y		0

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20466100	Comparison of open and minimally invasive thymectomies at a single institution.	2010	American Journal Of Surgery	Youssef, Samuel J; Louie, Brian E; Farivar, Alexander S; Blitz, Maurice; Aye, Ralph W; Vallières, Eric			Y		22
20463579	A comparison of change in the 0-10 numeric rating scale to a pain relief scale and global medication performance scale in a short-term clinical trial of breakthrough pain intensity.	2010	Anesthesiology	Farrar, John T; Polomano, Rosemary C; Berlin, Jesse A; Strom, Brian L					47
20457767	Case report: subarachnoid anesthesia for kyphoplasty: is anesthesia adequate?	2010	Anesthesia And Analgesia	Souvatzis, Xenia; Katonis, Pavlos G; Licoudis, Savas A; Marouli, Diamantina G; Askitopoulou, Helen			Y		0
20451025	Opioid medication and sleep-disordered breathing.	2010	The Medical Clinics Of North America	Yue, Herbert J; Guilleminault, Christian			Y		48
20441504	Interpretation and utility of drug of abuse immunoassays: lessons from laboratory drug testing surveys.	2010	Archives Of Pathology & Laboratory Medicine	Melanson, Stacy E F; Baskin, Leland; Magnani, Barbarajean; Kwong, Tai C; Dizon, Annabel; Wu, Alan H B			Y		16
20439443	Opioids for chronic noncancer pain: a new Canadian practice guideline.	2010	CMAJ : Canadian Medical Association Journal (Journal De L'Association Medicale Canadienne)	Furlan, Andrea D; Reardon, Rhoda; Weppler, Clarence					109
20439440	What we still don't know about treating chronic noncancer pain with opioids.	2010	CMAJ : Canadian Medical Association Journal (Journal De L'Association Medicale Canadienne)	Chou, Roger			Y		12
20435950	Do intraoperative analgesics influence breast cancer recurrence after mastectomy? A retrospective analysis.	2010	Anesthesia And Analgesia	Forget, Patrice; Vandenhende, Julie; Berliere, Martine; Machiels, Jean-Pascal; Nussbaum, Benoit; Legrand, Catherine; De Kock, Marc					116
20434623	A systematic review of pharmacologic treatments of pain after spinal cord injury.	2010	Archives Of Physical Medicine And Rehabilitation	Teasell, Robert W; Mehta, Swati; Aubut, Jo-Anne L; Foulon, Brianne; Wolfe, Dalton L; Hsieh, Jane T C; Townson, Andrea F; Short, Christine					91
20433124	Opioids for osteoarthritis of the knee or hip.	2010	American Family Physician	Hitzeman, Nathan; Athale, Ninad			Y		2
20433027	Role of dexamethasone in reducing pain after endoscopic sinus surgery in adults: a double-blind prospective randomized trial.	2010	The Annals Of Otology, Rhinology, And Laryngology	Al-Qudah, Mohannad; Rashdan, Yasser			Y		8
20428949	Efficacy and safety of prucalopride in patients with chronic noncancer pain suffering from opioid-induced constipation.	2010	Digestive Diseases And Sciences	Sloots, Cornelius E J; Rykx, An; Cools, Marina; Kerstens, Rene; De Pauw, Martine; Gottschalk, Antje; Durieux, Marcel E; Nemergut, Edward C					90
20418538	Intraoperative methadone improves postoperative pain control in patients undergoing complex spine surgery.	2011	Anesthesia And Analgesia	Rusy, Lynn M; Hainsworth, Keri R; Nelson, Tom J; Czarniecki, Michelle L; Tassone, J Channing; Thometz, John G; Lyon, Roger M; Berens, Richard J; Weisman, Steven J					61
20418301	Gabapentin use in pediatric spinal fusion patients: a randomized, double-blind, controlled trial.	2010	Anesthesia And Analgesia	Schmidtko, Achim; Lotsch, Jorn; Freyhagen, Rainer; Geisslinger, Gerd					60
20413151	Ziconotide for treatment of severe chronic pain.	2010	Lancet (London, England)						188
20407416	Fentanyl buccal soluble film (Onsolis) for breakthrough cancer pain.	2010	The Medical Letter On Drugs And Therapeutics				Y	Not found on Microsoft Academic	
20403938	Considerations for using sucrose to reduce procedural pain in preterm infants.	2010	Pediatrics	Holsti, Liisa; Grunau, Ruth E					73
20403936	Tolerance and withdrawal from prolonged opioid use in critically ill children.	2010	Pediatrics	Anand, Kanwaljeet J S; Wilson, Douglas F; Berger, John; Harrison, Rick; Meert, Kathleen L; Zimmerman, Jerry; Carillo, Joseph; Newth, Christopher J L; Prodhan, Parthak; Dean, J Michael; Nicholson, Carol			Y		133
20400920	Target-controlled infusion of remifentanil to provide analgesia for awake nasotracheal fiberoptic intubations in cervical trauma patients.	2010	The Journal Of Trauma	Yeganeh, Naser; Roshani, Bahman; Azizi, Bahram; Almasi, Afshin					14
20395820	Role of spinal cyclooxygenase in human postoperative and chronic pain.	2010	Anesthesiology	Eisenach, James C; Curry, Regina; Rauck, Richard; Pan, Peter; Yakhsh, Tony L	Y				29
20377545	Regional anaesthesia and pain management.	2010	Anaesthesia	Power, I; McCormack, J G; Myles, P S			Y		20
20382445	Sufentanil is not superior to morphine for the treatment of acute traumatic pain in an emergency setting: a randomized, double-blind, out-of-hospital trial.	2010	Annals Of Emergency Medicine	Bounes, Vincent; Barthelemy, Romain; Diez, Olivier; Charpentier, Sandrine; Montastruc, Jean Louis; Ducasse, Jean Louis					17
20375300	Protocolized intensive care unit management of analgesia, sedation, and delirium improves analgesia and subsyndromal delirium rates.	2010	Anesthesia And Analgesia	Skrobik, Yoanna; Ahern, Stephane; Leblanc, Martine; Marquis, Francois; Awissi, Don Kelena; Kavanagh, Brian P					182
20375298	Case reports: management of intractable upper extremity pain with continuous subarachnoid block at the low cervical level without impairment of upper extremity function.	2010	Anesthesia And Analgesia	Fuji, Tomomi; Nagaro, Takumi; Tsubota, Shinzo; Takechi, Kenichi; Higaki, Nobuyuki; Yorozuya, Toshihiro			Y	Not found on Microsoft Academic	
20357277	Pain management in the cirrhotic patient: the clinical challenge.	2010	Mayo Clinic Proceedings	Chandok, Natasha; Watt, Kimberly D S			Y		117
20357156	Analgesic properties of the novel amino acid, isovaline.	2010	Anesthesia And Analgesia	MacLeod, Bernard A; Wang, Jimmy T C; Chung, Cheryl C W; Ries, Craig R; Schwarz, Stephan K W; Putt, Ernest					20
20350653	Management of postoperative ileus.	2010	Disease-A-Month : Dm	Stewart, David; Waxman, Kenneth	Y				15

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20347820	Evidence of central and peripheral sensitization in a rat model of narcotic bowel-like syndrome.	2010	Gastroenterology	Agostini, Simona; Eutamene, Helene; Cartier, Christel; Broccardo, Maria; Improta, Giovanna; Houdeau, Eric; Petrella, Carla; Ferrier, Laurent; Theodorou, Vassilia; Bueno, Lionel			27
20346543	Pain and prescription monitoring programs in the emergency department.	2010	Annals Of Emergency Medicine	Todd, Knox H		Y	12
20337618	Comparison of the prophylactic anti-emetic efficacy of ramosetron and ondansetron in patients at high-risk for postoperative nausea and vomiting after total knee replacement.	2010	Anaesthesia	Hahm, T S; Ko, Justin Sangwook; Choi, S J; Gwak, M S		Y	21
20336033	A morphine/naltrexone combination (Embeda) for pain.	2010	The Medical Letter On Drugs And Therapeutics			Y	Not found on Microsoft Academic
20304981	The effect of sex on the minimum local analgesic concentration of ropivacaine for caudal anesthesia in anorectal surgery.	2010	Anesthesia And Analgesia	Li, Yuhong; Zhou, Yujie; Chen, Hanjian; Feng, Zhiying			15
20304807	Pain-related behaviors and neurochemical alterations in mice expressing sickle hemoglobin: modulation by cannabinoids.	2010	Blood	Kohli, Divyanshoo R; Li, Yunfang; Khasabov, Sergey G; Gupta, Pankaj; Kehl, Lois J; Ericson, Marna E; Nguyen, Julia; Gupta, Vinita; Hebbel, Robert P; Simone, Donald A; Gupta, Kalpana		Y	93
20303115	Effect of amitriptyline on symptoms in treatment naive patients with interstitial cystitis/painful bladder syndrome.	2010	The Journal Of Urology	Foster, Harris E Jr; Hanno, Philip M; Nickel, J Curtis; Payne, Christopher K; Mayer, Robert D; Burks, David A; Yang, Claire C; Chai, Toby C; Kreder, Karl J; Peters, Kenneth M; Lukacz, Emily S; FitzGerald, Mary P; Cen, Liyi; Landis, J Richard; Propert, Kathleen J; Yang, Wei; Kusek, John W; Nyberg, Leroy M		Y	102
20299408	Physical therapists' perceptions of ease of care in patients receiving 2 forms of analgesia after total hip arthroplasty.	2010	Physical Therapy	Bourne, Michael H; Chelly, Jacques E; Damraju, C V; Nelson, Winnie W; Schein, Jeff R; Hewitt, David J		Y	5
20236108	Laparoscopic assisted radical vaginal hysterectomy versus radical abdominal hysterectomy—a randomised phase II trial: perioperative outcomes and surgicopathological measurements.	2010	BJOG : An International Journal Of Obstetrics And Gynaecology	Naik, R; Jackson, K S; Lopes, A; Cross, P; Henry, J A			51
20234314	Malpractice claims associated with medication management for chronic pain.	2010	Anesthesiology	Fitzgibbon, Dermot R; Rathmell, James P; Michna, Edward; Stephens, Linda S; Posner, Karen L; Domino, Karen B		Y	41
20229966	Effectiveness and safety of high-dose opioids for chronic pain.	2010	American Family Physician	Johnston, Scott		Y	2
20226899	Association of surgical care practices with length of stay and use of clinical protocols after elective bowel resection: results of a national survey.	2010	American Journal Of Surgery	Delaney, Conor P; Senagore, Anthony J; Gerkin, Todd M; Beard, Timothy L; Zingaro, Wendy M; Tomaszewski, Kenneth J; Walton, Laura K; Poston, Sara A			28
20194147	Neuropathic pain in children: Special considerations.	2010	Mayo Clinic Proceedings	Walco, Gary A; Dworkin, Robert H; Krane, Elliot J; LeBel, Alyssa A; Treede, Rolf-Detlef			67
20194146	Recommendations for the pharmacological management of neuropathic pain: an overview and literature update.	2010	Mayo Clinic Proceedings	Dworkin, Robert H; O'Connor, Alec B; Audette, Joseph; Baron, Ralf; Gourlay, Geoffrey K; Haanpaa, Maija L; Kent, Joel L; Krane, Elliot J; Lebel, Alyssa A; Levy, Robert M; Mackey, Sean C; Mayer, John; Miskowski, Christine; Raja, Srinivasu N; Rice, Andrew S C; Schmader, Kenneth E; Stacey, Brett; Stanos, Steven; Treede, Rolf-Detlef; Turk, Dennis C; Walco, Gary A; Wells, Christopher D		Y	689
20194145	Treatment considerations for elderly and frail patients with neuropathic pain.	2010	Mayo Clinic Proceedings	Schmader, Kenneth E; Baron, Ralf; Haanpaa, Maija L; Mayer, John; O'Connor, Alec B; Rice, Andrew S C; Stacey, Brett			44
20194144	Treatment considerations for patients with neuropathic pain and other medical comorbidities.	2010	Mayo Clinic Proceedings	Haanpaa, Maija L; Gourlay, Geoffrey K; Kent, Joel L; Miskowski, Christine; Raja, Srinivasu N; Schmader, Kenneth E; Wells, Christopher D			56
20220746	The influence of ondansetron on the analgesic effect of acetaminophen after laparoscopic hysterectomy.	2010	Clinical Pharmacology And Therapeutics	Jokela, R; Ahonen, J; Seitsonen, E; Marjakangas, P; Korttila, K		Y	38
20216398	Opioid medication management: clinician beware!	2010	Anesthesiology	Jamison, Robert N; Clark, J David			5
20212191	Palliative sedation: need for consensus guidelines and standards: comment on "Continuous deep sedation until death in Belgium: a nationwide survey".	2010	Archives Of Internal Medicine	Vissers, Kris C P; Hasselaar, Jeroen G J		Y	11
20208470	Intravenous ibuprofen (Caldolor).	2010	The Medical Letter On Drugs And Therapeutics			Y	1
20185657	The development of new analgesics over the past 50 years: a lack of real breakthrough drugs.	2010	Anesthesia And Analgesia	Kissin, Igor		Y	111

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20185654	A national survey of American Pediatric Anesthesiologists: patient-controlled analgesia and other intravenous opioid therapies in pediatric acute pain management.	2010	Anesthesia And Analgesia	Nelson, Kristen L; Yaster, Myron; Kost-Byerly, Sabine; Monitto, Constance L					41
20179508	Spinal 5-HT <sub>7</sub> receptors play an important role in the antinociceptive and antihyperalgesic effects of tramadol and its metabolite, O-Desmethyltramadol, via activation of descending serotonergic pathways.	2010	Anesthesiology	Yanarates, Omer; Dogru, Ahmet; Yildirim, Vedat; Sahin, Altan; Sizlan, Ali; Seyer, Melik; Akgul, Ozgur; Kozak, Orhan; Kurt, Ercan; Aypar, Ulku					63
20179507	An analysis of patient variables that influence intravenous patient-controlled analgesic use of morphine with quantile regression.	2010	Anesthesiology	Yen, Chia-Rong; Tsou, Mei-Yung; Mandell, Mercedes Susan; Chan, Chia-Tai; Chan, Kwok-Hon; Chen, Tony Hsiao-Hsi; Chang, Kuang-Yi					16
20176380	Single incision miniature pyeloplasty and ipsilateral inguinal herniorrhaphy in infants.	2010	The Journal Of Urology	Kajbafzadeh, Abdol-Mohammad; Touuchi, Ali; Bazargani, Soroush; Nezami, Behtash Ghazi			Y		8
20173163	Prospective analysis of the pattern and risk for severe vital sign changes during percutaneous radiofrequency ablation of the liver under opioid analgesia.	2010	AJR. American Journal Of Roentgenology	Park, Min Jung; Kim, Young-sun; Rhim, Hyunchul; Lim, Hyo Keun; Shin, Byung Seop; Choi, Dongil; Lee, Min Woo; Kim, Dong Hwan			Y		3
20172547	Fentanyl sparing effects of combined ketorolac and acetaminophen for outpatient inguinal hernia repair in children.	2010	The Journal Of Urology	Hong, Jeong-Yeon; Won Han, Sang; Kim, Won Oak; Kil, Hae Keum			Y		28
20171481	Analgesic effects of intra-articular morphine in patients with temporomandibular joint disorders: a prospective, double-blind, placebo-controlled clinical trial.	2010	Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Ziegler, Christoph M; Wiechnik, Jan; Muhling, Joachim					16
20155789	Laparoscopic resection with transcolonic specimen extraction for ileocaecal Crohn's disease.	2010	The British Journal Of Surgery	Eshuis, E J; Voermans, R P; Stokkers, P C F; van Berge Henegouwen, M I; Fockens, P; Bemelman, W A			Y		22
20142348	Combining paracetamol (acetaminophen) with nonsteroidal antiinflammatory drugs: a qualitative systematic review of analgesic efficacy for acute postoperative pain.	2010	Anesthesia And Analgesia	Ong, Cliff K S; Seymour, Robin A; Lirk, Phillip; Merry, Alan F					263
20142346	Brief report: improved pain relief using intermittent bupivacaine injections at the donor site after breast reconstruction with deep inferior epigastric perforator flap.	2010	Anesthesia And Analgesia	Utvoll, Jorgen; Beausang-Linder, Marianne; Mesic, Haris; Raeder, Johan			Y	Not found on Microsoft Academic	
20142344	Synergistic interactions between paracetamol and oxcarbazepine in somatic and visceral pain models in rodents.	2010	Anesthesia And Analgesia	Tomic, Maja A; Vuckovic, Sonja M; Stepanovic-Petrovic, Radica M; Ugresic, Nenad D; Prostran, Milica S; Boskovic, Bogdan					13
20142343	An anesthetic management protocol to decrease respiratory complications after adenotonsillectomy in children with severe sleep apnea.	2010	Anesthesia And Analgesia	Raghavendran, Sreekrishna; Bagry, Hema; Detheux, Gregory; Zhang, Xun; Brouillette, Robert T; Brown, Karen A					64
20142341	The influence of age on sample size calculation in acute pain trials using morphine consumption as an end point.	2010	Anesthesia And Analgesia	Reeves, Mark			Y		7
20134374	Intrathecal sufentanil for intraoperative and postesophagectomy pain relief.	2010	Southern Medical Journal	Bameshki, Ali Reza; Zanjankhah, Mohammad-Reza; Gilani, Mehryar Taghavi; Khashayar, Patricia			Y		7
20113941	Randomized, double-blind, placebo-controlled trial using lidocaine patch 5% in traumatic rib fractures.	2010	Journal Of The American College Of Surgeons	Ingalls, Nichole K; Horton, Zachary A; Bettendorf, Matthew; Frye, Ira; Rodriguez, Carlos			Y		27
20113931	Single incision laparoscopic cholecystectomy.	2010	Journal Of The American College Of Surgeons	Brody, Fred; Vaziri, Khashayar; Kasza, Jason; Edwards, Claire			Y		69
20107293	Treatment of the localized pain of postherpetic neuralgia.	2010	Postgraduate Medicine	Paster, Zorba; Morris, Charlene M					10
20103545	Perioperative pregabalin improves pain and functional outcomes 3 months after lumbar discectomy.	2010	Anesthesia And Analgesia	Burke, Siun M; Shorten, George D					88
20103538	The effects of parental presence in the postanesthetic care unit on children's postoperative behavior: a prospective, randomized, controlled study.	2010	Anesthesia And Analgesia	Lardner, David R; Dick, Bruce D; Crawford, Susan					14
20103523	Bad medicine: pain. Competing interests and the British Pain Society.	2010	BMJ (Clinical Research Ed.)	Hester, Joan B			Y		0
20103522	Bad medicine: pain. Competing interests of professional societies.	2010	BMJ (Clinical Research Ed.)	Allan, Laurie; Wager, Elizabeth			Y		0
20103521	Bad medicine: pain. Risks of opioids are underplayed.	2010	BMJ (Clinical Research Ed.)	Holliday, Simon M			Y		0
20103518	Bad medicine: pain. Ignorance, opioids, and bliss.	2010	BMJ (Clinical Research Ed.)	Basler, Michael H			Y		1
20103304	Invited commentary.	2010	The Annals Of Thoracic Surgery	Grannis, Frederic W Jr			Y	Not found on Microsoft Academic	
20103303	Effect of preincisional epidural fentanyl and bupivacaine on postthoracotomy pain and pulmonary function.	2010	The Annals Of Thoracic Surgery	Amr, Yasser Mohamed; Yousef, Ayman Abd Al-Maksoud; Alzeftawy, Ashraf E; Messbah, Wall I; Saber, Ahmed Mohamed			Y		19
20083830	Chronic noncancer pain management and opioid overdose: time to change prescribing practices.	2010	Annals Of Internal Medicine	McLellan, A Thomas; Turner, Barbara J			Y		55
20083827	Opioid prescriptions for chronic pain and overdose: a cohort study.	2010	Annals Of Internal Medicine	Dunn, Kate M; Saunders, Kathleen W; Rutter, Carolyn M; Banta-Green, Caleb J; Merrill, Joseph O; Sullivan, Mark D; Weisner, Constance M; Silverberg, Michael J; Campbell, Cynthia I; Psaty, Bruce M; Von Korff, Michael					682
20083811	Summaries for patients. Overdose and prescribed opioids.	2010	Annals Of Internal Medicine				Y	Not found on Microsoft Academic	

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20064966	Social pain and opioid use.	2010	CMAJ : Canadian Medical Association Journal (Journal De L'Association Medcale Canadienne)	de Couto, John			Y	Not found on Microsoft Academic
20049572	Postoperative analgesia in TKA: ropivacaine continuous intraarticular infusion.	2010	Clinical Orthopaedics And Related Research	Gomez-Cardero, Primitivo; Rodriguez-Merchan, E Carlos			Y	49
20045578	A statewide prescription monitoring program affects emergency department prescribing behaviors.	2010	Annals Of Emergency Medicine	Baehren, David F; Marco, Catherine A; Droz, Danna E; Sinha, Sameer; Callan, E Megan; Akpunonu, Peter			Y	144
20042674	Chronic morphine administration delays wound healing by inhibiting immune cell recruitment to the wound site.	2010	The American Journal Of Pathology	Martin, Josephine L; Koodee, Lisa; Krishnan, Anitha G; Charboneau, Richard; Barke, Roderick A; Roy, Sabita		Y		59
20042446	Local administration of morphine for analgesia after autogenous anterior or posterior iliac crest bone graft harvest for spinal fusion: a prospective, randomized, double-blind, placebo-controlled study.	2010	Anesthesia And Analgesia	Wai, Eugene K; Sathiaseelan, Seyon; O'Neil, Joseph; Simchison, Brian L			Y	12
20039868	The effect on outcome of peribulbar anaesthesia in conjunction with general anaesthesia for vitreoretinal surgery.	2010	Anaesthesia	Ghali, A M; El Btarney, A M			Y	16
20029253	Mortality associated with implantation and management of intrathecal opioid drug infusion systems to treat noncancer pain.	2009	Anesthesiology	Coffey, Robert J; Owens, Mary L; Broste, Steven K; Dubois, Michel Y; Ferrante, F Michael; Schultz, David M; Stearns, Lisa J; Turner, Michael S				92
20029248	Death after initiation of intrathecal drug therapy for chronic pain: assessing risk and designing prevention.	2009	Anesthesiology	Rathmell, James P; Miller, Matthew J		Y		22
20020333	The efficacy of periarticular multimodal drug infiltration in total hip arthroplasty.	2010	Clinical Orthopaedics And Related Research	Busch, Constant A; Whitehouse, Michael R; Shore, Benjamin J; MacDonald, Steven J; McCalden, Richard W; Bourne, Robert B			Y	86
20018320	Prospective randomized evaluation of periureteral botulinum toxin type A injection for ureteral stent pain reduction.	2010	The Journal Of Urology	Gupta, Mantu; Patel, Trushar; Xavier, Keith; Maruffo, Franzo; Lehman, Daniel; Walsh, Rhonda; Landman, Jaime			Y	36
20012719	Lessons learned with extended-release epidural morphine after total hip arthroplasty.	2010	Clinical Orthopaedics And Related Research	Kahl, Lauren; Parvizi, Javad; Viscusi, Eugene R; Hozack, William J; Sharkey, Peter F; Rothman, Richard H			Y	7
20010421	Incidence, Reversal, and Prevention of Opioid-induced Respiratory Depression.	2010	Anesthesiology	Dahan, Albert; Aarts, Leon; Smith, Terry W				234
20010418	Improving postoperative pain management: what are the unresolved issues?	2010	Anesthesiology	White, Paul F; Kehlet, Henrik				190
20009704	Differences in prescription of narcotic pain medication between hospitals in different countries.	2009	The Journal Of Trauma	van Geffen, Geert-Jan; Wilder-Smith, Oliver; Poelhekke, Lodewijk M			Y	0
20008915	Perioperative analgesia for forequarter amputation in a child: a dual paravertebral approach.	2010	Anesthesia And Analgesia	Koyalamudi, Veerandra B; Elliott, Clint; Gibbs, Charles P; Boezaart, Andre P			Y	3
20007733	Activation of spinal alpha-2 adrenoceptors, but not mu-opioid receptors, reduces the intrathecal N-methyl-D-aspartate-induced increase in spinal NR1 subunit phosphorylation and nociceptive behavior in the rat.	2010	Anesthesia And Analgesia	Roh, Dae-Hyun; Seo, Hyoung-Sig; Yoon, Seo-Yeon; Song, Sunok; Han, Ho-Jae; Beltz, Alvin J; Lee, Jang-Hern				Not found on Microsoft Academic
20003118	Association of human micro-opioid receptor gene polymorphism A118G with fentanyl analgesia consumption in Chinese gynaecological patients.	2010	Anaesthesia	Zhang, W; Chang, Y Z; Kan, Q C; Zhang, L R; Lu, H; Chu, Q J; Wang, Z Y; Li, Z S; Zhang, J				Not found on Microsoft Academic
19996807	The impact of open reduction internal fixation on acute pain management in unstable pelvic ring injuries.	2010	The Journal Of Trauma	Barei, David P; Shafer, Brian L; Beingessner, Daphne M; Gardner, Michael J; Nork, Sean E; Routt, M L Chip			Y	Not found on Microsoft Academic
19996405	Treatment of sickle cell pain: fostering trust and justice.	2009	JAMA	Zempsky, William T				39
19961812	Guideline update: what's the best approach to acute low back pain?	2009	The Journal Of Family Practice	Bach, Son M; Holten, Keith B			Y	13
19940297	A difficult balance--pain management, drug safety, and the FDA.	2009	The New England Journal Of Medicine	Woodcock, Janet			Y	104
19937983	Randomized clinical trial of laparoscopic versus open donor nephrectomy.	2010	The British Journal Of Surgery	Nicholson, M L; Kaushik, M; Lewis, G R R; Brook, N R; Bagul, A; Kay, M D; Harper, S J; Elwell, R; Veitch, P S				Not found on Microsoft Academic
19934882	Modulation of morphine-induced antinociception in acute and chronic opioid treatment by ibudilast.	2009	Anesthesiology	Lilius, Tuomas O; Rauhala, Pekka V; Kambur, Oleg; Kalso, Eija A				20
19934880	Pronociceptive effects of remifentanil in a mouse model of postsurgical pain: effect of a second surgery.	2009	Anesthesiology	Cabriero, David; Campillo, Ana; Celrier, Evelyne; Romero, Asuncion; Puig, Margarita M				72
19934877	Pain assessment is associated with decreased duration of mechanical ventilation in the intensive care unit: a post Hoc analysis of the DOLOREA study.	2009	Anesthesiology	Payen, Jean-Francois; Bosson, Jean-Luc; Chanques, Gerald; Mantz, Jean; Labarere, Jose				171
19934853	Opiates, sleep, and pain: the adenosinergic link.	2009	Anesthesiology	Moore, Jason T; Kelz, Max B				23
19933818	Social pain and opioid use.	2009	CMAJ : Canadian Medical Association Journal (Journal De L'Association Medcale Canadienne)	Rosenthal, Susan M			Y	0
19933535	The effects of resiniferatoxin in an experimental rat thoracotomy model.	2010	Anesthesia And Analgesia	Shin, Jin-Woo; Pancaro, Carlo; Wang, Chi Fei; Gerner, Peter			Y	8

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19925973	Buprenorphine with bupivacaine for intraoral nerve blocks to provide postoperative analgesia in outpatients after minor oral surgery.	2009	Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Modi, Mancy; Rastogi, Sanjay; Kumar, Ashish		Y		30
19924788	Methadone initiation and rotation in the outpatient setting for patients with cancer pain.	2010	Cancer	Parsons, Henrique A; de la Cruz, Maxine; El Osta, Badi; Li, Zhijun; Calderon, Bianca; Palmer, J Lynn; Bruera, Eduardo		Y		42
19923530	A transdermal nicotine patch is not effective for postoperative pain management in smokers: a pilot dose-ranging study.	2009	Anesthesia And Analgesia	Olson, Luke C; Hong, Daewha; Conell-Price, Jessamyn S; Cheng, Sean; Flood, Pamela		Y		20
19923529	Improvement in psychosocial outcomes in chronic pain patients receiving intrathecal morphine infusions.	2009	Anesthesia And Analgesia	Duse, Genni; Davia, Giorgio; White, Paul F				19
19923527	The early and delayed analgesic effects of ketamine after total hip arthroplasty: a prospective, randomized, controlled, double-blind study.	2009	Anesthesia And Analgesia	Remerand, Francis; Le Tendre, Charlotte; Baud, Annick; Couvret, Claude; Pourrat, Xavier; Favard, Luc; Laffon, Marc; Fusciardi, Jacques				132
19923522	Systemic remifentanil for labor analgesia.	2009	Anesthesia And Analgesia	Hinova, Anelia; Fernando, Roshan				66
19923506	Systemic lidocaine decreased the perioperative opioid analgesic requirements but failed to reduce discharge time after ambulatory surgery.	2009	Anesthesia And Analgesia	McKay, Allannah; Gottschalk, Antje; Ploppa, Annette; Durieux, Marcel E; Groves, Danja S				59
19923505	Incisional continuous fascia iliaca block provides more effective pain relief and fewer side effects than opioids after pelvic osteotomy in children.	2009	Anesthesia And Analgesia	Lako, Sandra J; Steegers, Monique A; van Egmond, Jan; Gardeniers, Jean; Staals, Lonneke M; van Geffen, Geert J				14
19923494	Intravenous lidocaine for ambulatory anesthesia: good to go or not so fast?	2009	Anesthesia And Analgesia	Wu, Christopher L; Liu, Spencer S				10
19914513	Access to pain treatment a luxury for most.	2009	Lancet (London, England)	Amon, Joseph; Lohman, Diederik; Thomas, Laura		Y		1
19910627	A randomized, double-blind, placebo-controlled trial of epidural morphine analgesia after vaginal delivery.	2010	Anesthesia And Analgesia	Macarthur, Alison; Imarengiaye, Charles; Tureanu, Luminita; Downey, Kristi				18
19910624	Day-surgery patients anesthetized with propofol have less postoperative pain than those anesthetized with sevoflurane.	2010	Anesthesia And Analgesia	Tan, Terry; Bhinder, Rajesh; Carey, Michael; Briggs, Liam		Y		49
19910619	Perioperative oral gabapentin reduces chronic pain after total knee arthroplasty: a prospective, randomized, controlled trial.	2010	Anesthesia And Analgesia	Buvanendran, Asokumar; Kroin, Jeffrey S; Della Valle, Craig J; Kari, Maruti; Moric, Mario; Tuman, Kenneth J				287
19910618	Transforaminal 5% phenol neurolysis for the treatment of intractable cancer pain.	2010	Anesthesia And Analgesia	Candido, Kenneth D; Philip, Cyril N; Ghaly, Ramsis F; Knezevic, Nebojsa Nick		Y		10
19907420	Selective antagonism of opioid-induced ventilatory depression by an ampkagine molecule in humans without loss of opioid analgesia.	2010	Clinical Pharmacology And Therapeutics	Oertel, B G; Felden, L; Tran, P V; Bradshaw, M H; Angst, M S; Schmidt, H; Johnson, S; Greer, J J; Geisslinger, G; Varney, M A; Lotsch, J	Y			59
19897803	The influence of time of day of administration on duration of opioid labor analgesia.	2010	Anesthesia And Analgesia	Scavone, Barbara M; McCarthy, Robert J; Wong, Cynthia A; Sullivan, John T				Not found on Microsoft Academic
19884426	Effect of periaricular corticosteroid injections during total knee arthroplasty. A double-blind randomized trial.	2009	The Journal Of Bone And Joint Surgery, American Volume	Christensen, Christian P; Jacobs, Cale A; Jennings, Heath R		Y		41
19865016	No brain, no pain: does the injured brain stack up opioids?	2009	Critical Care Medicine	Dictus, Christine; Sakowitz, Oliver W		Y		0
19864360	Lack of palliative care causes unnecessary suffering for India's terminally ill people.	2009	BMJ (Clinical Research Ed.)	Moszynski, Peter		Y		0
19861358	Hemispheric synchronized sounds and perioperative analgesic requirements.	2010	Anesthesia And Analgesia	Dabu-Bondoc, Susan; Avidevlu, Nalini; Benson, Judy; Perret, Danielle; Kain, Zeev N		Y		11
19843821	Continuous transversus abdominis plane block for renal transplant recipients.	2009	Anesthesia And Analgesia	Jankovic, Zorica B; Pollard, Stephen G; Nachiappan, Meyappan M		Y		40
19843816	Bowel surgery and multimodal analgesia: same game, new team?	2009	Anesthesia And Analgesia	Eipe, Naveen; Penning, John		Y		0
19843811	Ultrasound-guided paravertebral block using an intercostal approach.	2009	Anesthesia And Analgesia	Ben-Ari, Alon; Moreno, Milena; Chelly, Jacques E; Bigeleisen, Paul E		Y		54
19843808	An ultra-low dose of naloxone added to lidocaine or lidocaine-fentanyl mixture prolongs axillary brachial plexus blockade.	2009	Anesthesia And Analgesia	Movafegh, Ali; Nouralishahi, Behrang; Sadeghi, Mustafa; Nabavian, Omid		Y		14
19843803	A comparison of gabapentin and ketamine in acute and chronic pain after hysterectomy.	2009	Anesthesia And Analgesia	Sen, Huseyin; Sizlan, Ali; Yanarates, Omer; Emirkadi, Hakan; Ozkan, Sezai; Dagli, Guner; Turan, Alparslan				107
19843798	A randomized controlled trial of pentazocine versus ondansetron for the treatment of intrathecal morphine-induced pruritus in patients undergoing cesarean delivery.	2009	Anesthesia And Analgesia	Tamdee, Decha; Charuluxananan, Somrat; Punjasawadwong, Yodying; Tawichasri, Chamaiporn; Patumanond, Jayanton; Sriprattitthai, Pin				15
19843777	Acute methadone treatment reduces myocardial infarct size via the delta-opioid receptor in rats during reperfusion.	2009	Anesthesia And Analgesia	Gross, Eric R; Hsu, Anna K; Gross, Garrett J				Not found on Microsoft Academic
19843775	Craniotomy pain: trying to do better.	2009	Anesthesia And Analgesia	Gottschalk, Allan		Y		8
19837303	Idiopathic trigeminal neuropathies: a presentation of 15 cases.	2009	Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Penarrocha, Maria; Mora, Elena; Bagan, Jose-Vicente; Garcia, Berta; Penarrocha, Miguel		Y		4
19832737	The effect of intrathecal fentanyl on Cerebral State Index-guided sedation during spinal anaesthesia.	2009	Anaesthesia	Kim, J Y; Kim, K B; Shin, C S; Ha, S H; Kim, M K; Lee, J S		Y		3

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19820241	An evaluation of remifentanil-sevoflurane response surface models in patients emerging from anesthesia: model improvement using effect-site sevoflurane concentrations.	2010	Anesthesia And Analgesia	Johnson, Ken B; Syroid, Noah D; Gupta, Dhanesh K; Manyam, Sandeep C; Pace, Nathan L; LaPierre, Cris D; Egan, Talmage D; White, Julia L; Tyler, Diane; Westenskow, Dwayne R					22
19820239	Response surface model predictions of emergence and response to pain in the recovery room: An evaluation of patients emerging from an isoflurane and fentanyl anesthetic.	2010	Anesthesia And Analgesia	Syroid, Noah D; Johnson, Ken B; Pace, Nathan L; Westenskow, Dwayne R; Tyler, Diane; Bruhnschwein, Frederike; Albert, Robert W; Roalstad, Shelly; Costy-Bennett, Samuel; Egan, Talmage D				Not found on Microsoft Academic	
19815939	Pain in neonates during screening for retinopathy of prematurity using binocular indirect ophthalmoscopy and wide-field digital retinal imaging: a randomised comparison.	2010	Archives Of Disease In Childhood. Fetal And Neonatal Edition	Dhaliwal, C A; Wright, E; McIntosh, N; Dhaliwal, K; Fleck, B W					18
19805703	Positron emission tomography measures of endogenous opioid neurotransmission and impulsiveness traits in humans.	2009	Archives Of General Psychiatry	Love, Tiffany M; Stohler, Christian S; Zubieta, Jon-Kar		Y			69
19801049	Treatment of neuropathic pain: an overview of recent guidelines.	2009	The American Journal Of Medicine	O'Connor, Alec B; Dworkin, Robert H		Y			531
19793724	Comparison of morphine concentration-time profiles following intravenous and intranasal diamorphine in children.	2009	Archives Of Disease In Childhood	Kidd, S; Brennan, S; Stephen, R; Minns, R; Beattie, T					8
19789432	Opiates for chronic nonmalignant pain syndromes: can appropriate candidates be identified for outpatient clinic management?	2009	American Journal Of Physical Medicine & Rehabilitation	White, Kevin T; Dillingham, Timothy R; Gonzalez-Fernandez, Marlis; Rothfield, Linda		Y			7
19786862	Prevalence of delirium with dexmedetomidine compared with morphine based therapy after cardiac surgery: a randomized controlled trial (DEXmedetomidine COmpared to Morphine-DEXCOM Study).	2009	Anesthesiology	Shehabi, Yahya; Grant, Peter; Wolfenden, Hugh; Hammond, Naomi; Bass, Frances; Campbell, Michelle; Chen, Jack		Y			181
19769895	The "1+1" protocol: risks, benefits, and alternatives.	2009	Annals Of Emergency Medicine	O'Connor, Alec B		Y			0
19762772	Blind enough? Sham subtenon block in pediatric patients.	2009	Anesthesia And Analgesia	Fahy, Cormac J		Y			4
19762765	The analgesic effect of paracetamol when added to lidocaine for intravenous regional anaesthesia.	2009	Anesthesia And Analgesia	Sen, Huseyin; Kulahci, Yalcin; Bicerer, Enis; Ozkan, Sezai; Dagli, Guner; Turan, Alparslan					32
19762762	The synergistic interaction between morphine and maprotiline after intrathecal injection in rats.	2009	Anesthesia And Analgesia	Pettersen, Vera L A; Zapata-Sudo, Gisele; Raimundo, Juliana M; Trachez, Margarete M; Sudo, Roberto T					25
19762760	The peripheral antinociceptive effects of endomorphin-1 and kynurenic acid in the rat inflamed joint model.	2009	Anesthesia And Analgesia	Mecs, Laszlo; Tuboly, Gabor; Nagy, Endre; Benedek, Gyorgy; Horvath, Gyongyi					21
19762758	A comparison of intravenous oxycodone and intravenous morphine in patient-controlled postoperative analgesia after laparoscopic hysterectomy.	2009	Anesthesia And Analgesia	Lenz, Harald; Sandvik, Leiv; Qvigstad, Erik; Bjerkelund, Carl Eivind; Raeder, Johan					61
19762738	Nitrous oxide-induced analgesia does not influence nitrous oxide's immobilizing requirements.	2009	Anesthesia And Analgesia	Jinks, Steven L; Carstens, Earl; Antognini, Joseph F		Y			3
19762734	A comparison of high volume/low concentration and low volume/high concentration ropivacaine in caudal analgesia for pediatric orchiocepsy.	2009	Anesthesia And Analgesia	Hong, Jeong-Yeon; Han, Sang W; Kim, Won O; Cho, Jin S; Kil, Hae K			Y		44
19736260	Pediatric pain after ambulatory surgery: where's the medication?	2009	Pediatrics	Fortier, Michelle A; MacLaren, Jill E; Martin, Sarah R; Perret-Karimi, Danielle; Kain, Zev N		Y			115
19735408	Oblique sub-costal transversus abdominis plane (TAP) catheters: an alternative to epidural analgesia after upper abdominal surgery.	2009	Anaesthesia	Niraj, G; Kelkar, A; Fox, A J		Y			50
19735395	An analysis of renal dysfunction in 1511 patients with fractured neck of femur: the implications for peri-operative analgesia.	2009	Anaesthesia	White, S M; Rashid, N; Chakladar, A					40
19730304	The impact of topical lidocaine on pain level assessment during and after vacuum-assisted closure dressing changes: a double-blind, prospective, randomized study.	2009	Plastic And Reconstructive Surgery	Franczyk, Mieczyslawa; Lohman, Robert F; Agarwal, Jayant P; Rupani, Gita; Drum, Melinda; Gottlieb, Lawrence J			Y		24
19717646	A randomized, controlled clinical trial of ketoprofen for sickle-cell disease vaso-occlusive crises in adults.	2009	Blood	Bartolucci, Pablo; El Murr, Tony; Roudot-Thoraval, Francoise; Habibi, Anoosha; Santin, Aline; Renaud, Bertrand; Noel, Violaine; Michel, Marc; Bachir, Dora; Galacteros, Frederic; Godeau, Bertrand					50
19717127	The power of placebo in pediatric functional gastrointestinal disease.	2009	Gastroenterology	Benninga, Marc A; Mayer, Emeran A			Y		22
19715804	Repeated intraperitoneal instillation of levobupivacaine for the management of pain after laparoscopic cholecystectomy.	2009	Surgery	Papadima, Artemisia; Lagoudianakis, Emmanuel E; Antonakis, Pantelis; Filis, Konstantinos; Makri, Ira; Markogiannakis, Haridimos; Katergiannakis, Vaggelogiannis; Manouras, Andreas			Y		19
19713257	The analgesic effect of gabapentin as a prophylactic anticonvulsant drug on postcraniotomy pain: a prospective randomized study.	2009	Anesthesia And Analgesia	Ture, Hatice; Sayin, Murat; Karlikaya, Geysu; Bingol, Canan Aykut; Aykac, Bora; Ture, Ugur			Y		48
19713256	Monitored anesthesia care with dexmedetomidine: a prospective, randomized, double-blind, multicenter trial.	2010	Anesthesia And Analgesia	Candiotti, Keith A; Bergese, Sergio D; Bokesch, Paula M; Feldman, Marc A; Wisemandle, Wayne; Bekker, Alex Y					133

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19713254	The effect of an anatomically classified procedure on antiemetic administration in the postanesthesia care unit.	2010	Anesthesia And Analgesia	Ruiz, Joseph R; Kee, Spencer S; Frenzel, John C; Ensor, Joe E; Selvan, Mano; Riedel, Bernhard J; Apfel, Christian Noehr-Jensen, L; Zwisler, S T; Larsen, F; Sindrup, S H; Damkier, P; Brosen, K		Y		24
19710642	Escitalopram is a weak inhibitor of the CYP2D6-catalyzed O-demethylation of (+)-tramadol but does not reduce the hypoalgesic effect in experimental pain.	2009	Clinical Pharmacology And Therapeutics					15
19703856	The effect of operator variability and experience in vertebroplasty outcomes.	2009	Radiology	McDonald, Robert J; Gray, Leigh A; Cloft, Harry J; Thielke, Kent R; Kallmes, David F Allen, Mark S; Halgren, Lisa; Nichols, Francis C 3rd; Cassivi, Stephen D; Harmsen, William S; Wigle, Dennis A; Shen, K Robert; Deschamps, Claude		Y		9
19699918	A randomized controlled trial of bupivacaine through intracostal catheters for pain management after thoracotomy.	2009	The Annals Of Thoracic Surgery	Drendel, Amy L; Gorelick, Marc H; Weisman, Steven J; Lyon, Roger; Brousseau, David C; Kim, Michael K Ben-Meir, David; Livne, Pinhas M; Katz, Jacob; Gelman, Ori; Efrat, Rachel Fukushima, Fernanda B; Barros, Guilherme A M; Marques, Mariangela E A; Vidal, Edison I O; Ganem, Eliana M		Y		12
19692147	A randomized clinical trial of ibuprofen versus acetaminophen with codeine for acute pediatric arm fracture pain.	2009	Annals Of Emergency Medicine	Drendel, Amy L; Gorelick, Marc H; Weisman, Steven J; Lyon, Roger; Brousseau, David C; Kim, Michael K Ben-Meir, David; Livne, Pinhas M; Katz, Jacob; Gelman, Ori; Efrat, Rachel Fukushima, Fernanda B; Barros, Guilherme A M; Marques, Mariangela E A; Vidal, Edison I O; Ganem, Eliana M				80
19692062	Continuous epidural versus nonepidural analgesia for post-pyeloplasty pain in children.	2009	The Journal Of Urology			Y		8
19690274	The neuraxial effects of intraspinal amitriptyline at low concentrations.	2009	Anesthesia And Analgesia	Fukushima, Fernanda B; Barros, Guilherme A M; Marques, Mariangela E A; Vidal, Edison I O; Ganem, Eliana M				6
19690253	A Macintosh laryngoscope blade for videolaryngoscopy reduces stylet use in patients with normal airways.	2009	Anesthesia And Analgesia	van Zundert, Andre; Maassen, Ralph; Lee, Ruben; Willems, Remi; Timmerman, Michel; Siemonsma, Marc; Buisse, Marc; Wiepkink, Marco				72
19672186	Analgesic efficacy of peripheral kappa-opioid receptor agonist CR665 compared to oxycodone in a multi-modal, multi-tissue experimental human pain model: selective effect on visceral pain.	2009	Anesthesiology	Arendt-Nielsen, Lars; Olesen, Anne E; Staahl, Camilla; Menzaghi, Frederique; Kell, Sherron; Wong, Gilbert Y; Drewes, Asbjorn M				Not found on Microsoft Academic
19672180	Preserved memory function during bispectral index-guided anesthesia with sevoflurane for major orthopedic surgery.	2009	Anesthesiology	Kerssens, Chantal; Gaither, Julie R; Sebel, Peter S		Y		26
19672166	Does postoperative delirium limit the use of patient-controlled analgesia in older surgical patients?	2009	Anesthesiology	Leung, Jacqueline M; Sands, Laura P; Paul, Sudeshna; Joseph, Tim; Kinjo, Sakura; Tsai, Tiffany				29
19672164	Dreaming and electroencephalographic changes during anesthesia maintained with propofol or desflurane.	2009	Anesthesiology	Leslie, Kate; Sleigh, Jamie; Paech, Michael J; Voss, Logan; Lim, Chiow Woon; Sleigh, Callum				58
19661853	Tapentadol (Nucynta)–a new analgesic.	2009	The Medical Letter On Drugs And Therapeutics			Y		Not found on Microsoft Academic
19661852	In brief: heat and transdermal fentanyl.	2009	The Medical Letter On Drugs And Therapeutics			Y		Not found on Microsoft Academic
19652106	Motives for nonmedical use of prescription opioids among high school seniors in the United States: self-treatment and beyond.	2009	Archives Of Pediatrics & Adolescent Medicine	McCabe, Sean Esteban; Boyd, Carol J; Cranford, James A; Teter, Christian J		Y		73
19647342	Intravenous paracetamol or morphine for the treatment of renal colic: a randomized, placebo-controlled trial.	2009	Annals Of Emergency Medicine	Bektas, Firat; Eken, Cenker; Karadeniz, Ozgur; Goksu, Erkan; Cubuk, Metin; Cete, Yildiray				66
19644285	Outpatient abdominoplasty facilitated by rib blocks.	2009	Plastic And Reconstructive Surgery	Michaels, Basil M; Eko, Frederick N		Y		10
19641275	Urine toxicology testing in chronic pain management.	2009	Postgraduate Medicine	Cone, Edward J; Caplan, Yale H		Y		30
19641271	Continuous opioid treatment for chronic noncancer pain: a time for moderation in prescribing.	2009	Postgraduate Medicine	Colameco, Stephen; Coren, Joshua S; Ciervo, Carman A		Y		8
19641051	The efficacy and safety of continuous intravenous administration of remifentanil for birth pain relief: an open study of 205 parturients.	2009	Anesthesia And Analgesia	D'Onofrio, Paola; Novelli, Anna Maria Melani; Mecacci, Federico; Scarselli, Gianfranco		Y		38
19640231	Comparisons of ice packs, hot water immersion, and analgesia injection for the treatment of centipede envenomations in Taiwan.	2009	Clinical Toxicology (Philadelphia, Pa.)	Chau, Chung-Hsien; Chen, Chian-Kuang; Chen, Jih-Chang; Chiu, Te-Ta; Lin, Chih-Chuan		Y		13
19630495	Postoperative pain management with tramadol after craniotomy: evaluation and cost analysis.	2010	Journal Of Neurosurgery	Rahimi, Scott Y; Alleyne, Cargill H; Vernier, Eric; Witcher, Mark R; Vender, John R		Y		27
19628064	Codeine-acetaminophen versus nonsteroidal anti-inflammatory drugs in the treatment of post-abdominal surgery pain: a systematic review of randomized trials.	2009	American Journal Of Surgery	Nauta, Marieke; Landsmeer, Marieke L A; Koren, Gideon		Y		28
19625056	Contemporary open ureteral reimplantation without morphine: assessment of pain and outcomes.	2009	The Journal Of Urology	Chamie, Karim; Chi, Andrew; Hu, Brian; Keegan, Kirk A; Kurzrock, Eric A		Y		9
19625030	Editorial comment.	2009	The Journal Of Urology	Palmer, Jeffrey S		Y		Not found on Microsoft Academic
19621849	When a patient's chronic pain gets worse.	2009	American Family Physician	Hollon, Matthew		Y		0
19617584	Early cognitive impairment after sedation for colonoscopy: the effect of adding midazolam and/or fentanyl to propofol.	2009	Anesthesia And Analgesia	Padmanabhan, Usha; Leslie, Kate; Eer, Audrey Singly; Maruff, Paul; Silbert, Brendan S				45
19608842	Rat dorsal horn nociceptive-specific neurons are more sensitive than wide dynamic range neurons to depression by immobilizing doses of volatile anesthetics: an effect partially reversed by the opioid receptor antagonist naloxone.	2009	Anesthesia And Analgesia	Barter, Linda S; Carstens, Earl E; Jinks, Steven L; Antognini, Joseph F		Y		7

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19608841	The effect of kappa-opioid receptor agonists on tetrodotoxin-resistant sodium channels in primary sensory neurons.	2009	Anesthesia And Analgesia	Su, Xin; Castle, Neil A; Antonio, Brett; Roeloffs, Rosemarie; Thomas, James B; Kraft, Douglas S; Chapman, Mark L		Y		9
19608840	Long-term pain vulnerability after surgery in rats: prevention by nefopam, an analgesic with antihyperalgesic properties.	2009	Anesthesia And Analgesia	Laboureyras, Emille; Chateauraynaud, Jeremy; Richebe, Philippe; Simonnet, Guy				43
19608839	The antinociceptive effects of intravenous dexmedetomidine in colorectal distension-induced visceral pain in rats: the role of opioid receptors.	2009	Anesthesia And Analgesia	Ulger, Fatma; Bozkurt, Ayhan; Bilge, S Sirri; Ilkaya, Fatihi; Dilek, Ahmet; Bostanci, M Omer; Ciftcioglu, Engin Guldugus, Fuat				25
19608838	The effective analgesic dose of dexamethasone after laparoscopic hysterectomy.	2009	Anesthesia And Analgesia	Jokela, Ritva M; Ahonen, Jouni V; Tallgren, Minna K; Marjakangas, Pia C; Korttila, Kari T				52
19608797	Morphine-based cardiac anesthesia provides superior early recovery compared with fentanyl in elective cardiac surgery patients.	2009	Anesthesia And Analgesia	Murphy, Glenn S; Szokol, Joseph W; Marymont, Jesse H; Greenberg, Steven B; Avram, Michael J; Vender, Jeffery S; Sherwani, Saadia S; Nisman, Margarita; Doroski, Victoria				20
19608792	Epidural neostigmine: will it replace lipid soluble opioids for postoperative and labor analgesia?	2009	Anesthesia And Analgesia	Eisenach, James C		Y		16
19607772	Osteoarthritis: Managing without surgery.	2009	The Journal Of Family Practice	Crosby, James		Y		4
19607770	Clinical inquiries: What measures relieve postherpetic neuralgia?	2009	The Journal Of Family Practice	Garroway, Neill; Chhabra, Shalini; Landis, Suzanne; Skolnik, Deborah C		Y		2
19602955	Intravenous infusion tests have limited utility for selecting long-term drug therapy in patients with chronic pain: a systematic review.	2009	Anesthesiology	Cohen, Steven P; Kapoor, Shruti G; Rathmell, James P	Y			19
19602953	General anesthesia increases temporal precision and decreases power of the brainstem auditory-evoked response-related segments of the electroencephalogram.	2009	Anesthesiology	Scheller, Bertram C A; Daunderer, Michael; Pipa, Gordon				3
19596010	Multicenter, randomized, placebo-controlled trial of amitriptyline in children with functional gastrointestinal disorders.	2009	Gastroenterology	Saps, Miguel; Youssef, Nader; Miranda, Adrian; Nurko, Samuel; Hyman, Paul; Cocjin, Jose; Di Lorenzo, Carlo				147
19590488	Acetaminophen safety - <i>deja vu</i> .	2009	The Medical Letter On Drugs And Therapeutics			Y		Not found on Microsoft Academic
19590328	Differences in prescription of narcotic pain medication after operative treatment of hip and ankle fractures in the United States and The Netherlands.	2009	The Journal Of Trauma	Lindenholvius, Anneluuk L C; Helmerhorst, Gijs T T; Schnellen, Alexandra C; Vrahas, Mark; Ring, David; Kloen, Peter		Y		41
19582577	Patient self-administered abdominal pressure to reduce loop formation during minimally sedated colonoscopy.	2010	Digestive Diseases And Sciences	Hsieh, Yu-Hsi; Tseng, Kuo-Chih; Chou, An-Liang				4
19576406	Multimodal analgesia for hip arthroplasty.	2009	The Orthopedic Clinics Of North America	Tang, Raymond; Evans, Holly; Chaput, Alan; Kim, Christopher		Y		31
19571077	Efficacy of subacromial ropivacaine infusion for rotator cuff surgery. A randomized trial.	2009	The Journal Of Bone And Joint Surgery. American Volume	Coghlan, Jennifer A; Forbes, Andrew; McKenzie, Dean; Bell, Simon N; Buchbinder, Rachelle				35
19568108	Prospective, randomized, double-blind trial of local anesthetic infusion and intravenous narcotic patient-controlled anesthesia pump for pain management after free tram flap breast reconstruction: are we on the right track?	2009	Plastic And Reconstructive Surgery	La Colla, Luca; Mangano, Alberto; Mangano, Alessandro; Albertin, Andrea		Y		0
19567720	Herpes zoster: query and concern.	2009	Mayo Clinic Proceedings	Homler, Howard		Y		0
19567715	Opioid metabolism.	2009	Mayo Clinic Proceedings	Smith, Howard S				Not found on Microsoft Academic
19567714	A comparison of long- and short-acting opioids for the treatment of chronic noncancer pain: tailoring therapy to meet patient needs.	2009	Mayo Clinic Proceedings	Argoff, Charles E; Silvershein, Daniel I				81
19567713	Issues in long-term opioid therapy: unmet needs, risks, and solutions.	2009	Mayo Clinic Proceedings	Passik, Steven D	Y			105
19567709	Contemporary clinical opioid use: opportunities and challenges.	2009	Mayo Clinic Proceedings	Lanier, William L; Kharasch, Evan D		Y		1
19567426	New pain guideline for older patients: avoid NSAIDs, consider opioids.	2009	JAMA	Kuehn, Bridget M		Y		Not found on Microsoft Academic
19561113	Mechanisms of opioid-mediated inhibition of human T cell receptor signaling.	2009	Journal Of Immunology (Baltimore, Md. : 1950)	Borner, Christine; Warnick, Beate; Smida, Michal; Hartig, Roland; Lindquist, Jonathan A; Schraven, Burkhardt; Hollt, Volker; Kraus, Jurgen				63
19560838	Randomized clinical trial comparing a patient-driven titration protocol of intravenous hydromorphone with traditional physician-driven management of emergency department patients with acute severe pain.	2009	Annals Of Emergency Medicine	Chang, Andrew K; Bijur, Polly E; Davitt, Michelle; Gallagher, E John				22
19535722	Ultrasound-guided axillary brachial plexus block with 20 milliliters local anesthetic mixture versus general anesthesia for upper limb trauma surgery: an observer-blinded, prospective, randomized, controlled trial.	2009	Anesthesia And Analgesia	O'Donnell, Brian D; Ryan, Helen; O'Sullivan, Owen; Ihom, Gabrielle		Y		41
19535707	The interaction between epidural 2-chloroprocaine and morphine: a randomized controlled trial of the effect of drug administration timing on the efficacy of morphine analgesia.	2009	Anesthesia And Analgesia	Toledo, Paloma; McCarthy, Robert J; Ebarvia, Mary Jane; Huser, Christopher J; Wong, Cynthia A		Y		8
19531519	Opioids for neonates receiving mechanical ventilation: a systematic review and meta-analysis.	2010	Archives Of Disease In Childhood. Fetal And Neonatal Edition	Bellu, R; de Waal, Koert; Zanini, R		Y		75
19530637	Chronic low back pain: evaluation and management.	2009	American Family Physician	Last, Allen R; Hulbert, Karen		Y		76

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19530636	Pharmacologic pearls for end-of-life care.	2009	American Family Physician	Clary, Patrick L; Lawson, Phil		Y		23
19512863	Reduction of bone cancer pain by activation of spinal cannabinoid receptor 1 and its expression in the superficial dorsal horn of the spinal cord in a murine model of bone cancer pain.	2009	Anesthesiology	Furuse, Shingo; Kawamoto, Tomoyuki; Yamamoto, Jun; Niizuma, Yukitoshi; Omote, Keiichi; Watanabe, Masahiko; Namiki, Akiyoshi		Y		24
19497902	Structured approaches to pain management in the ICU.	2009	Chest	Pasero, Chris; Puntillo, Kathleen; Li, Denise; Mularski, Richard A; Grap, Mary Jo; Erstad, Brian L; Varkey, Basil; Gilbert, Hugh C; Medina, Justine; Sessler, Curtis N		Y		48
19474689	Midline versus transverse incision in major abdominal surgery: a randomized, double-blind equivalence trial (POVATI): ISRCTN60734227.	2009	Annals Of Surgery	Seiler, Christoph M; Deckert, Andreas; Diener, Markus K; Knaebel, Hanns-Peter; Weigand, Markus A; Victor, Norbert; Buchler, Markus W		Y		94
19474384	Comment from the editor on Lambertz et al in the September 2008 issue.	2009	Radiology	Kressel, Herbert Y		Y		4
19465748	Family caregiver skills in medication management for hospice patients: a qualitative study to define a construct.	2009	The Journals Of Gerontology. Series B, Psychological Sciences And Social Sciences	Lau, Denys T; Kasper, Judith D; Hauser, Joshua M; Berdes, Celia; Chang, Chih-Hung; Berman, Rebecca L; Masin-Peters, Jonathan; Paice, Judith; Emanuel, Linda		Y		37
19462494	Risks and side-effects of intrathecal morphine combined with spinal anaesthesia: a meta-analysis.	2009	Anaesthesia	Gehling, M; Tryba, M		Y		111
19461299	Ampakine CX717 protects against fentanyl-induced respiratory depression and lethal apnea in rats.	2009	Anesthesiology	Ren, Jun; Ding, Xiuqing; Funk, Gregory D; Greer, John J				49
19461298	Morphine-6beta-glucuronide rapidly increases pain sensitivity independently of opioid receptor activity in mice and humans.	2009	Anesthesiology	van Dorp, Eveline L A; Kest, Benjamin; Kowalczyk, William J; Morariu, Aurora M; Waxman, Amanda R; Arout, Caroline A; Dahan, Albert; Sarton, Elise Y				Not found on Microsoft Academic
19453318	Ultrasound vs nerve stimulation multiple injection technique for posterior popliteal sciatic nerve block.	2009	Anaesthesia	Danelli, G; Fanelli, A; Ghisi, D; Moschini, E; Rossi, M; Ortu, A; Bacarelli, M; Fanelli, G		Y		63
19448245	A new pattern of buprenorphine misuse may complicate perioperative pain control.	2009	Anesthesia And Analgesia	Marcucci, Catherine; Fudin, Jeffrey; Thomas, Pamela; Sandson, Neil B; Welsh, Christopher	Y			6
19448243	Intrathecal morphine pump malfunction due to leakage at the catheter connection site: a rare problem and its prevention.	2009	Anesthesia And Analgesia	Worner, Jakobea; Kothbauer, Karl; Gerber, Helmut		Y		3
19448233	Does ultrasound guidance improve the success rate of infraclavicular brachial plexus block when compared with nerve stimulation in children with radial club hands?	2009	Anesthesia And Analgesia	Ponde, Vrushali C; Diwan, Sandeep		Y		28
19448232	The individual and combined effects of U50,488, and flurbiprofen axetil on visceral pain in conscious rats.	2009	Anesthesia And Analgesia	Kitamura, Takayuki; Ogawa, Makoto; Yamada, Yoshitsugu				3
19448230	The efficacy of intrathecal morphine with or without clonidine for postoperative analgesia after radical prostatectomy.	2009	Anesthesia And Analgesia	Andrieu, Gregoire; Roth, Benjamin; Ousmane, Laoual; Castaner, Michel; Petillot, Patrice; Vallet, Benoit; Villers, Arnaud; Lebuffe, Gilles		Y		27
19448228	Lidocaine patch for postoperative analgesia after radical retropubic prostatectomy.	2009	Anesthesia And Analgesia	Habib, Ashraf S; Polascik, Thomas J; Weizer, Alon Z; White, William D; Moul, Judd W; ElGashim, Magdi A; Gan, Tong J				26
19448227	Patient-controlled-analgesia analgesimetry and its problems.	2009	Anesthesia And Analgesia	Kissin, Igor		Y		32
19448206	Peripherally acting mu-opioid receptor antagonists and postoperative ileus: mechanisms of action and clinical applicability.	2009	Anesthesia And Analgesia	Viscusi, Eugene R; Gan, Tong J; Leslie, John B; Foss, Joseph F; Talon, Mark D; Du, Wei; Owens, Gay				52
19417618	Rifampin greatly reduces the plasma concentrations of intravenous and oral oxycodone.	2009	Anesthesiology	Nieminen, Tuija H; Hagelberg, Nora M; Saari, Teijo I; Pertovaara, Antti; Neuvonen, Mikko; Laine, Kari; Neuvonen, Pertti J; Olkkola, Klaus T				63
19417613	Amitriptyline suppresses neuroinflammation-dependent interleukin-10-p38 mitogen-activated protein kinase-heme oxygenase-1 signaling pathway in chronic morphine-infused rats.	2009	Anesthesiology	Tai, Yueh-Hua; Tsai, Ru-Yin; Lin, Shinn-Long; Yeh, Chun-Chang; Wang, Jhi-Joung; Tao, Pao-Luh; Wong, Chih-Shung				46
19417190	Prescription opioids and overdose deaths.	2009	JAMA	Merrick, Michael		Y		5
19417188	Prescription opioids and overdose deaths.	2009	JAMA	Layne, Richard D; Pellegrino, Ronald J; Lerfeld, Nathan M		Y		5
19413820	Subacute pain and function after fast-track hip and knee arthroplasty.	2009	Anaesthesia	Andersen, L O; Gaarn-Larsen, L; Kristensen, B B; Husted, H; Otte, K S; Kehlet, H				99
19409658	Irukandji syndrome case series from Australia's Tropical Northern Territory.	2009	Annals Of Emergency Medicine	Nickson, Christopher P; Waugh, Edith B; Jacups, Susan P; Currie, Bart J		Y		21
19406297	Patients with chronic disabling occupational musculoskeletal disorder failing to complete functional restoration: analysis of treatment-resistant personality characteristics.	2009	Archives Of Physical Medicine And Rehabilitation	Howard, Krista J; Mayer, Tom G; Theodore, Brian R; Gatchel, Robert J		Y		18
19384561	The Friedman-Elber resection arthroplasty of the pelvis.	2009	Clinical Orthopaedics And Related Research	Schwartz, Adam J; Kiatisevi, Piya; Elber, Fritz C; Elber, Frederick R; Eckardt, Jeffrey J		Y		20

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19384122	Early compared with late neuraxial analgesia in nulliparous labor induction: a randomized controlled trial.	2009	Obstetrics And Gynecology	Wong, Cynthia A; McCarthy, Robert J; Sullivan, John T; Scavone, Barbara M; Gerber, Susan E; Yaghmour, Edward A					59
19380573	Safety and effectiveness of analgesia with remifentanil for percutaneous transhepatic biliary drainage.	2009	AJR. American Journal Of Roentgenology	Park, Nam Sun; Bae, Jae-Ik; Park, Auh Whan; Won, Je Hwan; Lee, Hyun Seok					4
19380037	Sickle cell anemia and pain: will data prevail over beliefs?	2009	Annals Of Emergency Medicine	Payne, Richard			Y		2
19377050	Neostigmine decreases bupivacaine use by patient-controlled epidural analgesia during labor: a randomized controlled study.	2009	Anesthesia And Analgesia	Ross, Vernon H; Pan, Peter H; Owen, Medge D; Seid, Melvin H; Harris, Lynne; Clyne, Brittany; Voltaire, Misa; Eisenach, James C		Y			21
19373888	Fentanyl buccal tablet for the treatment of breakthrough pain in opioid-tolerant patients with chronic cancer pain: A long-term, open-label safety study.	2009	Cancer	Weinstein, Sharon M; Messina, John; Xie, Fang					65
19373162	Morphine as an analgesic that causes vomiting.	2009	Southern Medical Journal	Kittisupamongkol, Weekit			Y		0
19372356	A prospective randomized comparison of ultrasound and neurostimulation as needle end points for interscalene catheter placement.	2009	Anesthesia And Analgesia	Frederickson, Michael J; Ball, Craig M; Dalgleish, Adam J; Stewart, Alistair W; Short, Tim G					67
19372355	Continuous interscalene brachial plexus block via an ultrasound-guided posterior approach: a randomized, triple-masked, placebo-controlled study.	2009	Anesthesia And Analgesia	Mariano, Edward R; Afra, Robert; Loland, Vanessa J; Sandhu, Navparkash S; Bellars, Richard H; Bishop, Michael L; Cheng, Gloria S; Choy, Lynna P; Maldonado, Rosalita C; Ifield, Brian M					94
19372350	Central poststroke pain: a review of pathophysiology and treatment.	2009	Anesthesia And Analgesia	Kumar, Bishwanath; Kalita, Jayantee; Kumar, Gyanendra; Misra, Usha K			Y		92
19372329	The use of remifentanil to facilitate the insertion of the Cobra perilymphatic airway.	2009	Anesthesia And Analgesia	Jeon, Woo Jae; Kim, Kyounghun; Suh, Jung Kook; Cho, Sang Yun			Y		6
19372306	Perioperative analgesia: what do we still know?	2009	Anesthesia And Analgesia	White, Paul F; Kehlet, Henrik; Liu, Spencer					43
19359920	Prospective, randomized comparison of continuous thoracic epidural and thoracic paravertebral infusion in patients with unilateral multiple fractured ribs—a pilot study.	2009	The Journal Of Trauma	Mohta, Mehta; Verma, Priyanka; Saxena, Ashok Kr; Sethi, Ashok K; Tyagi, Asha; Girotta, Gautam			Y		80
19349403	Pain management principles in the critically ill.	2009	Chest	Erstad, Brian L; Puntillo, Kathleen; Gilbert, Hugh C; Grap, Mary Jo; Li, Denise; Medina, Justine; Mularski, Richard A; Pasero, Chris; Varkey, Basil; Sessler, Curtis N			Y		88
19339577	Higher opioid doses predict poorer functional outcome in patients with chronic disabling occupational musculoskeletal disorders.	2009	The Journal Of Bone And Joint Surgery. American Volume	Kidner, Cindy L; Mayer, Tom G; Gatchel, Robert J			Y		112
19332974	OxyContin abuse and overdose.	2009	Postgraduate Medicine	Aquina, Christopher T; Marques-Baptista, Andreia; Bridgeman, Patrick; Merlin, Mark A			Y		20
19332963	Gender differences in coronary artery disease: review of diagnostic challenges and current treatment.	2009	Postgraduate Medicine	Gopalakrishnan, Prabhakaran; Ragland, Moluk Mirrasouli; Tak, Tahir			Y		15
19324125	Chest tube-delivered bupivacaine improves pain and decreases opioid use after thoracoscopy.	2009	The Annals Of Thoracic Surgery	Demmy, Todd L; Nwogu, Chukwumere; Solan, Patrick; Yendamuri, Saikrishna; Wilding, Gregory; DeLeon, Oscar			Y		20
19321506	Intranasal diamorphine for acute sickle cell pain.	2009	Archives Of Disease In Childhood	Telfer, P; Criddle, J; Sandell, J; Davies, F; Morrison, I; Challands, J			Y		15
19302645	Remifentanil in paediatric anaesthetic practice.	2009	Anaesthesia	Marsh, D F; Hodgkinson, B			Y		40
19302639	Effect of epidural saline washout on regression of sensory and motor block after epidural anaesthesia with 2% lidocaine and fentanyl in elderly patients.	2009	Anaesthesia	Park, E Y; Kii, H K; Park, W S; Lee, N-H; Hong, J-Y			Y		5
19299816	Propofol alters ketamine effect on opiate-induced hyperalgesia.	2009	Anesthesia And Analgesia	Ben-David, Bruce; Chelly, Jacques E			Y		1
19299803	General health and knee function outcomes from 7 days to 12 weeks after spinal anesthesia and multimodal analgesia for anterior cruciate ligament reconstruction.	2009	Anesthesia And Analgesia	Williams, Brian A; Dang, Qainyu; Bost, James E; Irrgang, James J; Orebough, Steven L; Bottega, Matthew T; Kentor, Michael L					11
19299781	The counteraction of opioid-induced ventilatory depression by the serotonin 1A-agonist 8-OH-DPAT does not antagonize antinociception in rats in situ and in vivo.	2009	Anesthesia And Analgesia	Guenther, Ulf; Manz, Till; Wrigge, Hermann; Dutschmann, Matthias; Zinserling, Joerg; Putensen, Christian; Hoeft, Andreas					24
19299777	Melatonin provides anxiolysis, enhances analgesia, decreases intraocular pressure, and promotes better operating conditions during cataract surgery under topical anesthesia.	2009	Anesthesia And Analgesia	Ismail, Salah A; Mowafi, Hany A			Y		67
19299776	The effect of pregabalin on preoperative anxiety and sedation levels: a dose-ranging study.	2009	Anesthesia And Analgesia	White, Paul F; Tufanogullari, Burcu; Taylor, Jimmie; Klein, Kevin					91
19299775	Subtenon block compared to intravenous fentanyl for perioperative analgesia in pediatric cataract surgery.	2009	Anesthesia And Analgesia	Ghai, Babita; Ram, Jagat; Makkar, Jeetinder Kaur; Wijq, Jyotsna; Kaushik, Sushmita					29
19289936	Effects of an analgesic trial in reducing pain behaviors in community-dwelling older adults with dementia.	2009	Nursing Research	Elliott, Amanda Floetke; Horgas, Ann L					16
19285304	Can intravenous lidocaine decrease postsurgical ileus and shorten hospital stay in elective bowel surgery? A pilot study and literature review.	2009	American Journal Of Surgery	Harvey, Kyle P; Adair, James D; Isho, Mayyas; Robinson, Robert			Y		51
19285300	Feasibility of spinal anesthesia in laparoscopic ventral hernia repair: is it worth it?	2009	American Journal Of Surgery	Moreira Ocon, Francisco J; Carcel, Inmaculada			Y		0

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19284944	Clinical inquiries. What is the best way to manage phantom limb pain?	2009	The Journal Of Family Practice	Black, Lance M; Persons, Robert K; Jamieson, Barbara			Y	17
19283736	Randomized clinical trial of Entonox versus midazolam-fentanyl sedation for colonoscopy.	2009	The British Journal Of Surgery	Maslekar, S; Gardiner, A; Hughes, M; Culbert, B; Duthie, G S			Y	28
19249923	Efficacy of intravenous patient-controlled analgesia after supratentorial intracranial surgery: a prospective randomized controlled trial. Clinical article.	2009	Journal Of Neurosurgery	Morad, Athir H; Winters, Bradford D; Yaster, Myron; Stevens, Robert D; White, Elizabeth D; Thompson, Richard E; Weingart, Jon D; Gottschalk, Allan				35
19238650	Plasma concentrations of oral oxycodone are greatly increased in the elderly.	2008	Clinical Pharmacology And Therapeutics	Liukas, A; Kuusniemi, K; Aantaa, R; Virolainen, P; Neuvonen, M; Neuvonen, P J; Olkkola, K T				57
19236995	A true blind for subjects who receive spinal manipulation therapy.	2009	Archives Of Physical Medicine And Rehabilitation	Kawchuk, Gregory N; Haugen, Rick; Fritz, Julie				15
19224829	Non-opioid anesthesia with esmolol avoids opioid-induced hyperalgesia and reduces fentanyl requirement after laparoscopy.	2009	Anesthesia And Analgesia	Pranevicius, Mindaugas; Pranevicius, Osvaldas			Y	6
19224817	The antinociceptive effects and pharmacological properties of JM-1232(-): a novel isoindoline derivative.	2009	Anesthesia And Analgesia	Chiba, Shunsuke; Nishiyama, Tomoki; Yamada, Yoshitsugu			Y	13
19224815	Capiscum plaster at the Hegu point reduces postoperative analgesic requirement after orthognathic surgery.	2009	Anesthesia And Analgesia	Kim, Kyo S; Kim, Kyu N; Hwang, Kyung G; Park, Chang J			Y	16
19224793	A comparison of propofol and remifentanil target-controlled infusions to facilitate fiberoptic nasotracheal intubation.	2009	Anesthesia And Analgesia	Lallo, Alexandre; Billard, Valerie; Bourgoin, Jean-Louis			Y	54
19224772	Opioid or propofol: what kind of drug for what kind of sedation? Manual dosing or target-controlled infusion?	2009	Anesthesia And Analgesia	Raeder, Johan			Y	7
19224304	Perioperative dexamethasone does not affect functional outcome in total hip arthroplasty.	2009	Clinical Orthopaedics And Related Research	Bergeron, Stephane G; Kardash, Kenneth J; Huk, Olga L; Zukor, David J; Antoniou, John			Y	38
19217656	Novel opioid antagonists for opioid-induced bowel dysfunction and postoperative ileus.	2009	Lancet (London, England)	Becker, Gerhild; Blum, Hubert E			Y	83
19214642	Multimodal pain management after total hip and knee arthroplasty at the Ranawat Orthopaedic Center.	2009	Clinical Orthopaedics And Related Research	Maheshwari, Aditya V; Blum, Yossef C; Shekhar, Laghwendi; Ranawat, Amar S; Ranawat, Chitraranjan S			Y	166
19212267	Clonidine and dexmedetomidine produce antinociceptive synergy in mouse spinal cord.	2009	Anesthesiology	Fairbanks, Carolyn A; Kitto, Kelley F; Nguyen, H Oanh; Stone, Laura S; Wilcox, George L			Y	15
19212263	Erythropoietin protects against local anesthetic myotoxicity during continuous regional analgesia.	2009	Anesthesiology	Nouette-Gaulain, Karine; Bellance, Nadege; Prevost, Baptiste; Passerieux, Emilie; Pertuiset, Claire; Galbes, Olivier; Smolkova, Katarina; Masson, Francoise; Miraux, Sylvain; Delage, Jean-Paul; Letellier, Thierry; Rossignol, Rodrigue; Capdevila, Xavier; Szark, Francois				29
19200622	Tamsulosin for ureteral stones in the emergency department: a randomized, controlled trial.	2009	Annals Of Emergency Medicine	Ferre, Robinson M; Wasielewski, Jessica N; Strout, Tania D; Perron, Andrew D				37
19196798	Chronic intracerebroventricular infusion of nociceptin/orphanin FQ produces body weight gain by affecting both feeding and energy metabolism in mice.	2009	Endocrinology	Matsuishi, Hiroko; Ishihara, Akane; Mashiko, Satoshi; Tanaka, Takeshi; Kanno, Tetsuya; Iwaasa, Hisashi; Ohta, Hisashi; Kanatani, Akio				28
19155900	Cervical vasopressin compared with no premedication and blood loss during vaginal hysterectomy: a randomized controlled trial.	2009	Obstetrics And Gynecology	Ascher-Walsh, C J; Capes, T; Smith, J; Michels, A			Y	8
19155895	Oral compared with intravenous sedation for first-trimester surgical abortion: a randomized controlled trial.	2009	Obstetrics And Gynecology	Allen, Rebecca H; Fitzmaurice, Garrett; Lifford, Karen L; Lasic, Morana; Goldberg, Alisa B			Y	18
19151302	A comparison of the pharmacodynamics and pharmacokinetics of bupivacaine, ropivacaine (with epinephrine) and their equal volume mixtures with lidocaine used for femoral and sciatic nerve blocks: a double-blind randomized study.	2009	Anesthesia And Analgesia	Cuvillon, Philippe; Nouvellon, Emmanuel; Ripart, Jacques; Boyer, Jean-Christophe; Dehour, Laurence; Mahamat, Aba; L'hermite, Joel; Boisson, Christophe; Vialles, Nathalie; Lefrant, Jean Yves; de La Coussaye, Jean Emmanuel				80
19151300	The analgesic effect of epidural clonidine after spinal surgery: a randomized placebo-controlled trial.	2009	Anesthesia And Analgesia	Farmery, Andrew D; Wilson-MacDonald, James			Y	30
19151299	A randomized, double-blind, controlled trial of perioperative administration of gabapentin, meloxicam and their combination for spontaneous and movement-evoked pain after ambulatory laparoscopic cholecystectomy.	2009	Anesthesia And Analgesia	Giron, Ian; Orr, Elizabeth; Tu, Dongsheng; Mercer, C Dale; Bond, David				50
19151288	Weaning automation with adaptive support ventilation: a randomized controlled trial in cardiothoracic surgery patients.	2009	Anesthesia And Analgesia	Dongelmans, Dave A; Veelo, Denise P; Paulus, Frederique; de Mol, Bas A J M; Korevaar, Johanna C; Kudoga, Anna; Middelhoek, Pauline; Binnekade, Jan M; Schultz, Marcus J				45
19151275	C50 for propofol-remifentanil target-controlled infusion and bispectral index at loss of consciousness and response to painful stimulus in Chinese patients: a multicenter clinical trial.	2009	Anesthesia And Analgesia	Xu, Zhipeng; Liu, Fang; Yue, Yun; Ye, Tiehu; Zhang, Bingxi; Zuo, Mingzhang; Xu, Mingjun; Hao, Rongrong; Xu, Yuan; Yang, Ning; Che, Xiangming				16
19143689	Effect-site concentration of remifentanil for laryngeal mask airway insertion during target-controlled infusion of propofol.	2009	Anaesthesia	Kim, M K; Lee, J W; Jang, D J; Shin, O Y; Nam, S B			Y	17

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19139563	Immune cell-derived opioids protect against neuropathic pain in mice.	2009	The Journal Of Clinical Investigation	Labuz, Dominika; Schmidt, Yvonne; Schreiter, Anja; Rittner, Heike L; Mousa, Shaaban A; Machelska, Halina					82
19130163	Does regional anesthesia improve outcome after total knee arthroplasty?	2009	Clinical Orthopaedics And Related Research	Macfarlane, Alan J R; Prasad, Govindarajulu Arun; Chan, Vincent W S; Brull, Richard Marino; Joseph; Russo, Joseph; Kenny, Maureen; Herenstein, Robert; Livote, Elayne; Chelly, Jacques E			Y		104
19122076	Continuous lumbar plexus block for postoperative pain control after total hip arthroplasty. A randomized controlled trial.	2009	The Journal Of Bone And Joint Surgery. American Volume	Koivusalo, Antti I; Korpeala, Reijo; Wirtavuori, Kari; Piiarinen, Satu; Rintala, Risto J; Pakarinen, Mikko P			Y		100
19117900	A single-blinded, randomized comparison of laparoscopic versus open hernia repair in children.	2009	Pediatrics	Koivusalo, Antti I; Korpeala, Reijo; Wirtavuori, Kari; Piiarinen, Satu; Rintala, Risto J; Pakarinen, Mikko P			Y		72
19114190	Randomized controlled trial of a special acupuncture technique for pain after thoracotomy.	2008	The Journal Of Thoracic And Cardiovascular Surgery	Deng, Gary; Rusch, Valerie; Vickers, Andrew; Malhotra, Vivek; Ginex, Pamela; Downey, Robert; Bains, Manjit; Park, Bernard; Rizk, Nabil; Flores, Raja; Yeung, Simon; Cassileth, Barrie			Y		39
19109330	Morphine remains gold standard in breakthrough cancer pain.	2008	BMJ (Clinical Research Ed.)	Ruiz-Garcia, Vicente; Lopez-Briz, Eduardo			Y		17
19107768	Symptom distress, interventions, and outcomes of intensive care unit cancer patients referred to a palliative care consult team.	2009	Cancer	Delgado-Guay, Marvin O; Parsons, Henrique A; Li, Zhijun; Palmer, Lynn J; Bruera, Eduardo			Y		67
19104358	Elevation of uterine basal tone and fetal heart rate abnormalities after labor analgesia: a randomized controlled trial.	2009	Obstetrics And Gynecology	Abrao, Karen Christine; Francisco, Rossana Pulcinelli Vieira; Miyadahira, Seizo; Cicarelli, Domingos Dias; Zugaib, Marcelo					66
19104184	Modulation of opioid actions by nitric oxide signaling.	2009	Anesthesiology	Toda, Noboru; Kishioka, Shiroh; Hatano, Yoshiro; Toda, Hiroshi			Y		61
19095880	Dixon and massey's method: the starting dose.	2009	Anesthesia And Analgesia	Kumar, Anil; Tyagi, Asha			Y		3
19095875	Tramadol as an adjuvant to lidocaine for axillary brachial plexus block.	2009	Anesthesia And Analgesia	Kaabachi, Olfa; Ouezzini, Rami; Koubaa, Walid; Ghrab, Badil; Zargouni, Amin; Ben Abdelaziz, Ahmed			Y		43
19095869	The efficacy of ilioinguinal-iliohypogastric and intercostal nerve co-blockade for postoperative pain relief in kidney recipients.	2009	Anesthesia And Analgesia	Shoeibi, Gita; Babakhani, Babak; Mohammadi, Sussan Soltni					21
19095867	The effects of smoking status on opioid tapering among patients with chronic pain.	2009	Anesthesia And Analgesia	Hooten, W Michael; Townsend, Cynthia O; Bruce, Barbara K; Warner, David O			Y		58
19095858	A randomized trial of breakthrough pain during combined spinal-epidural versus epidural labor analgesia in parous women.	2009	Anesthesia And Analgesia	Goodman, Stephanie R; Smiley, Richard M; Negron, Maria A; Freedman, Paula A; Landau, Ruth					27
19095857	A randomized trial of maximum cephalad sensory blockade with single-shot spinal compared with combined spinal-epidural techniques for cesarean delivery.	2009	Anesthesia And Analgesia	Horstman, Damian J; Riley, Edward T; Carvalho, Brendan					17
19087018	Pharmacological treatment of a patient with first-bite syndrome.	2009	Anaesthesia	Phillips, T J C; Farquhar-Smith, W P			Y		25
19087009	Peri-operative use of paracetamol.	2009	Anaesthesia	Oscier, C D; Milner, Q J W			Y		77
19084856	Radical cystectomy for bladder cancer: morbidity of laparoscopic versus open surgery.	2009	The Journal Of Urology	Guillotreau, Julien; Game, Xavier; Mouzin, Marc; Doumerc, Nicolas; Mallet, Richard; Sallusto, Federico; Malavaud, Bernard; Rischmann, Pascal			Y		57
19066382	Dexamethasone and risk of nausea and vomiting and postoperative bleeding after tonsillectomy in children: a randomized trial.	2008	JAMA	Czarnetzki, Christoph; Elia, Nadia; Lysakowski, Christopher; Dumont, Lionel; Landis, Basile N; Giger, Roland; Dulguerov, Pavel; Desmeules, Jules; Tramer, Martin R					140
19058003	Pilot feasibility study of the method of water infusion without air insufflation in sedated colonoscopy.	2009	Digestive Diseases And Sciences	Leung, Joseph W; Salera, Rodolfo; Toomsen, Lee; Mann, Surinder; Leung, Felix W			Y		36
19050032	Neuropathic pain is maintained by brainstem neurons co-expressing opioid and cholecystokinin receptors.	2009	Brain : A Journal Of Neurology	Zhang, Wenjun; Gardell, Shannon; Zhang, Dongjin; Xie, Jennifer Y; Agnes, Richard S; Badghis, Hamid; Hruby, Victor J; Rance, Naomi; Ossipov, Michael H; Vanderah, Todd W; Porreca, Frank; Lai, Josephine			Y		58
19035063	Chronic nonmalignant pain in primary care.	2008	American Family Physician	Jackman, Robert P; Purvis, Janey M; Mallett, Barbara S			Y		37
19035061	Treating opioid dependency and coexistent chronic nonmalignant pain.	2008	American Family Physician	Blondell, Richard D; Ashrafioun, Lisham			Y		3
19034105	Phase 2, double-blind, placebo-controlled, dose-response trial of intravenous adenosine for perioperative analgesia.	2008	Anesthesiology	Habib, Ashraf S; Minkowitz, Harold; Osborn, Timothy; Ogunnaike, Babatunde; Candiotti, Keith; Viscusi, Eugene; Gu, Jiezhen; Creed, Mary R; Gan, Tong J			Y		15
19033342	Breakthrough cancer pain.	2008	BMJ (Clinical Research Ed.)	Davies, Andrew N; Dickman, Andrew; Reid, Colette; Stevens, Anna-Marie; Zeppetella, Giovambattista			Y		8
19032295	Association between human opioid receptor genes polymorphisms and pressure pain sensitivity in females*.	2008	Anaesthesia	Huang, C-J; Liu, H-F; Su, N-Y; Hsu, Y-W; Yang, C-H; Chen, C-C; Tsai, P-S					46
19027503	Meperidine for acute sickle cell crisis: what is the rationale?	2008	Annals Of Emergency Medicine	Phillips, William J; Jones, Jonathan; McCarter, John			Y		2

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		Year	Year						
19020166	Clarification required regarding results of morphine PCA/ketamine trial.	2008		Anesthesia And Analgesia	Armstrong, Maria		Y		0
19020160	Bupivacaine infusion above or below the fascia for postoperative pain treatment after abdominal hysterectomy.	2008		Anesthesia And Analgesia	Hafizoglu, Meltem Cakmak; Katircioglu, Kaan; Ozkalkanli, Murat Y; Savaci, Serdar		Y	36	
19020158	The transversus abdominis plane block provides effective postoperative analgesia in patients undergoing total abdominal hysterectomy.	2008		Anesthesia And Analgesia	Carney, John; McDonnell, John G; Ochana, Alan; Bhinder, Raj; Laffey, John G				284
19020157	Single dose analgesic efficacy of tapentadol postsurgical dental pain: the results of a randomized, double-blind, placebo-controlled study.	2008		Anesthesia And Analgesia	Kleinert, Regina; Lange, Claudia; Steup, Achim; Black, Peter; Goldberg, Jutta; Desjardins, Paul		Y		74
19020155	Ketamine and lornoxicam for preventing a fentanyl-induced increase in postoperative morphine requirement.	2008		Anesthesia And Analgesia	Xuerong, Yu; Yuguang, Huang; Xia, Ju; Hailan, Wang		Y		25
19020154	The safety and analgesic efficacy of intranasal ketorolac in patients with postoperative pain.	2008		Anesthesia And Analgesia	Moodie, John E; Brown, Colin R; Bisley, Eileen J; Weber, Hans U; Bynum, Lincoln				35
19020153	The analgesic efficacy and safety of a novel intranasal morphine formulation (morphine plus chitosan), immediate release oral morphine, intravenous morphine, and placebo in a postsurgical dental pain model.	2008		Anesthesia And Analgesia	Christensen, Kyle S; Cohen, Amy E; Mermelstein, Fred H; Hamilton, Douglas A; McNicol, Ewan; Babul, Najib; Carr, Daniel B				21
19020146	A randomized controlled trial of three patient-controlled epidural analgesics regimens for labor.	2008		Anesthesia And Analgesia	Lim, Yvonne; Ocampo, Cecilia E; Supandji, Mia; Teoh, Wendy H L; Sia, Alex T		Y		33
19013590	Alfuzosin to relieve ureteral stent discomfort: a prospective, randomized, placebo controlled study.	2009		The Journal Of Urology	Beddingfield, Richard; Pedro, Renato N; Hinck, Bryan; Kreidberg, Carly; Feia, Kendall; Monga, Manoj				66
19000677	A rat model of chronic postinflammatory visceral pain induced by deoxycholic acid.	2008		Gastroenterology	Traub, Richard J; Tang, Bin; Ji, Yaping; Pandya, Sangeeta; Yfantis, Harris; Sun, Ying		Y		38
18996618	Safety and efficacy of rapid titration using 1mg doses of intravenous hydromorphone in emergency department patients with acute severe pain: the "1+1" protocol.	2009		Annals Of Emergency Medicine	Chang, Andrew K; Bijur, Polly E; Campbell, Caron M; Murphy, Mary K; Gallagher, E John				27
18996256	The relationship between repeated epidural steroid injections and subsequent opioid use and lumbar surgery.	2008		Archives Of Physical Medicine And Rehabilitation	Cuevas-Trisan, Ramon L		Y		28
18996254	The study on the relationship of opioid use and repeated epidural steroid injections and lumbar surgery.	2008		Archives Of Physical Medicine And Rehabilitation	Manchikanti, Laxmaiah; Singh, Vijay; Schultz, David M		Y		0
18987038	Control of pain in adults with cancer: summary of SIGN guidelines.	2008		BMJ (Clinical Research Ed.)	Cormie, P J; Nairn, M; Welsh, J		Y		30
18984881	Cannabis-like drugs may hold key to treating pain while bypassing the brain.	2008		JAMA	Hampton, Tracy		Y		0
18981352	Effectiveness of oral vs rectal acetaminophen: a meta-analysis.	2008		Archives Of Pediatrics & Adolescent Medicine	Goldstein, Lee Hilary; Berlin, Maya; Berkovitch, Matti; Kozer, Eran		Y		12
18946302	Efficacy of addition of fentanyl to epidural bupivacaine on postoperative analgesia after thoracotomy for lung resection in infants.	2008		Anesthesiology	Ganesh, Arjunan; Adzick, N Scott; Foster, Travis; Cucchiaro, Giovanni		Y		13
18940490	Induced hypotension in orthognathic surgery: a comparative study of 2 pharmacological protocols.	2008		Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Farah, Gustavo Jacobucci; de Moraes, Marcio; Filho, Liogi Iwaki; Pavan, Angelo Jose; Camarini, Edevaldo Tadeu; Previdelli, Isolde T S; Coelho, Luciano		Y		21
18936379	Protective effects of epidural analgesia on pulmonary complications after abdominal and thoracic surgery: a meta-analysis.	2008		Archives Of Surgery (Chicago, Ill. : 1960)	Popping, Daniel M; Elia, Nadia; Marret, Emmanuel; Remy, Camille; Tramer, Martin R				272
18931237	Postoperative pain and analgesic requirements after anesthesia with sevoflurane, desflurane or propofol.	2008		Anesthesia And Analgesia	Fassoulaki, Argyro; Melemeni, Aikaterini; Paraskeva, Anteia; Sifakas, Ioanna; Sarantopoulos, Constantine		Y		49
18931227	A randomized trial of dural puncture epidural technique compared with the standard epidural technique for labor analgesia.	2008		Anesthesia And Analgesia	Cappiello, Eric; O'Rourke, Nollag; Segal, Scott; Tsien, Lawrence C				54
18931216	Low-dose systemic bupivacaine prevents the development of allodynia after thoracotomy in rats.	2008		Anesthesia And Analgesia	Shin, Jin Woo; Pancaro, Carlo; Wang, Chi Fei; Gerner, Peter		Y		14
18926599	Comparisons of high versus low emergency department utilizers in sickle cell disease.	2009		Annals Of Emergency Medicine	Aisiku, Imoigele P; Smith, Wally R; McClish, Donna K; Levenson, James L; Penberthy, Lynne T; Roseff, Susan D; Bovbjerg, Viktor E; Roberts, John D		Y		81
18829935	Femoral nerve block for diaphyseal and distal femoral fractures in the emergency department. Surgical technique.	2008		The Journal Of Bone And Joint Surgery. American Volume	Mutty, Christopher E; Jensen, Erik J; Manka, Michael A Jr; Anders, Mark J; Bone, Lawrence B		Y		17
18840803	Palliative care intervention for choice and use of opioids in the last hours of life.	2008		The Journals Of Gerontology. Series A, Biological Sciences And Medical Sciences	Bailey, F Amos; Ferguson, Laura; Williams, Beverly R; Woody, Lesa L; Redden, David T; Durham, Rosie M; Goode, Patricia S; Burgio, Kathryn L				6
18840801	Patient age, well-being, perspectives, and care practices in the early treatment phase for late-stage cancer.	2008		The Journals Of Gerontology. Series A, Biological Sciences And Medical Sciences	Rose, Julia Hannum; O'Toole, Elizabeth E; Einstadler, Douglas; Love, Thomas E; Shenko, Christina A; Dawson, Neal V				24
18827631	Prospective, randomized, double-blind trial of local anesthetic infusion and intravenous narcotic patient-controlled anesthesia pump for pain management after free TRAM flap breast reconstruction.	2008		Plastic And Reconstructive Surgery	Heller, Lior; Kowalski, Alicia M; Wei, Caimiano; Butler, Charles E				40

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18821665	Regulation of pain sensitivity in experimental osteoarthritis by the endogenous peripheral opioid system.	2008	Arthritis And Rheumatism	Inglis, Julia J; McNamee, Kay E; Chia, Shi-Lu; Essex, David; Feldmann, Marc; Williams, Richard O; Hunt, Stephen P; Vincent, Tonia			68
18813051	Biologic effects of nitrous oxide: a mechanistic and toxicologic review.	2008	Anesthesiology	Sanders, Robert D; Weimann, Jorg; Maze, Mervyn	Y		168
18806063	Melatonin improves tourniquet tolerance and enhances postoperative analgesia in patients receiving intravenous regional anesthesia.	2008	Anesthesia And Analgesia	Mowafi, Hany A; Ismail, Salah A	Y		33
18806058	Perioperative management of patients with an intrathecal drug delivery system for chronic pain.	2008	Anesthesia And Analgesia	Grider, Jay S; Brown, Raeford E; Colclough, George W	Y		9
18806056	The side effects of morphine and hydromorphone patient-controlled analgesia.	2008	Anesthesia And Analgesia	Hong, Daewha; Flood, Pamela; Diaz, Geraldine	Y		49
18806055	Ultra-low dose ketamine and memantine treatment for pain in an opioid-tolerant oncology patient.	2008	Anesthesia And Analgesia	Grande, Lucinda A; O'Donnell, Brendan R; Fitzgibbon, Dermot R; Terman, Gregory W	Y		35
18806054	Profound pain reduction after induction of memantine treatment in two patients with severe phantom limb pain.	2008	Anesthesia And Analgesia	Hackworth, Robert J; Tokarz, Kyle A; Fowler, Ian M; Wallace, Scott C; Stedje-Larsen, Eric T			43
18806051	Planning for early emergence in neurosurgical patients: a randomized prospective trial of low-dose anesthetics.	2008	Anesthesia And Analgesia	Bhagat, Hemant; Dash, Hari H; Bithal, Parmod K; Chouhan, Rajendra S; Pandia, Mihir P	Y		22
18806030	The effect of amitriptyline, gabapentin, and carbamazepine on morphine-induced hypercarbia in rabbits.	2008	Anesthesia And Analgesia	Kozer, Eran; Levichek, Zina; Hoshino, Noriko; Kapur, Bhushan; Leonbruno, John; Taguchi, Nobuko; Garcia-Bournissen, Facundo; Koren, Gideon; Ito, Shinya			3
18806023	Intraoperative low-dose ketamine does not prevent a remifentanil-induced increase in morphine requirement after pediatric scoliosis surgery.	2008	Anesthesia And Analgesia	Engelhardt, Thomas; Zarour, Christian; Naser, Basem; Pehora, Carolynne; de Ruiter, Joost; Howard, Andrew; Crawford, Mark W	Y		60
18803085	Risk factors and mechanisms of anaphylactoid reactions to acetylcysteine in acetaminophen overdose.	2008	Clinical Toxicology (Philadelphia, Pa.)	Pakravan, Nasrin; Waring, W Stephen; Sharma, Sushma; Ludlam, Christopher; Megson, Ian; Bateman, D Nicholas			63
18794556	Massage therapy versus simple touch to improve pain and mood in patients with advanced cancer: a randomized trial.	2008	Annals Of Internal Medicine	Kutner, Jean S; Smith, Marlaine C; Corbin, Lisa; Hemphill, Linnea; Benton, Kathryn; Mellis, B Karen; Beatty, Brenda; Felton, Sue; Yamashita, Traci E; Bryant, Lucinda L; Fairclough, Diane L			151
18788004	Systemic envenomation caused by the wandering spider Phoneutria nigriventer, with quantification of circulating venom.	2008	Clinical Toxicology (Philadelphia, Pa.)	Bucaretschi, Fabio; Mello, Sueli Moreira; Vieira, Ronan Jose; Mamoni, Ronei Luciano; Blotta, Maria Heloisa Souza Lima; Antunes, Edson; Hyslop, Stephen			31
18786335	Clinical inquiries: is there a well-tested tool to detect drug-seeking behaviors in chronic pain patients?	2008	The Journal Of Family Practice	Gianutsos, L Paul; Safranek, Sarah; Huber, Tim	Y	Not found on Microsoft Academic	
18784563	An analgesia-delirium-sedation protocol for critically ill trauma patients reduces ventilator days and hospital length of stay.	2008	The Journal Of Trauma	Robinson, Bryce R H; Mueller, Eric W; Henson, Kathryn; Branson, Richard D; Barsoum, Samuel; Tsuei, Betty J	Y		114
18763848	Prescription drug misuse/abuse in the elderly.	2008	Geriatrics	Culberson, John W; Ziska, Martin	Y		97
18763151	Reversal of ergotamine-induced vasospasm following methylprednisolone.	2008	Clinical Toxicology (Philadelphia, Pa.)	Rahman, Ali; Yildiz, Mustafa; Dadas, Erdogan; Donder, Emir; Cihangiroglu, Mutlu; Eken, Cenker; Bozdemir, M Nur	Y		5
18753471	Morphine with adjuvant ketamine vs higher dose of morphine alone for immediate postthoracotomy analgesia.	2009	Chest	Nesher, Nachum; Ekstein, Margaret P; Paz, Yoseph; Marouani, Nissim; Chazan, Shoshana; Weinbroum, Avi A	Y		44
18725593	The placebo treatments in neurosciences: New insights from clinical and neuroimaging studies.	2008	Neurology	Diederich, Nico J; Goetz, Christopher G	Y		105
18719619	Pharmacogenetics of neonatal opioid toxicity following maternal use of codeine during breastfeeding: a case-control study.	2009	Clinical Pharmacology And Therapeutics	Madadi, P; Ross, C J D; Hayden, M R; Carleton, B C; Gaedigk, A; Leeder, J S; Koren, G			221
18719451	A118G single nucleotide polymorphism of human mu-opioid receptor gene influences pain perception and patient-controlled intravenous morphine consumption after intrathecal morphine for postcesarean analgesia.	2008	Anesthesiology	Sia, Alex T; Lim, Yvonne; Lim, Eileen C P; Goh, Rachelle W C; Law, Hai Yang; Landau, Ruth; Teo, Yik-Ying; Tan, Ene Choo		Not found on Microsoft Academic	
18719450	Analgesic effects of Sazetidine-A, a new nicotinic cholinergic drug.	2008	Anesthesiology	Cucchiaro, Giovanni; Xiao, Yingxian; Gonzalez-Sulser, Alfredo; Kellar, Kenneth J			37
18719449	Perineural administration of dexametomidine in combination with bupivacaine enhances sensory and motor blockade in sciatic nerve block without inducing neurotoxicity in rat.	2008	Anesthesiology	Brummett, Chad M; Norat, Mary A; Palmisano, John M; Lydic, Ralph	Y		138
18719447	Antiinflammatory effect of peripheral nerve blocks after knee surgery: clinical and biologic evaluation.	2008	Anesthesiology	Martin, Frederic; Martinez, Valeria; Mazoit, Jean Xavier; Bouhassira, Didier; Cherif, Kamel; Gentil, Marc Edouard; Piriou, Philippe; Chauvin, Marcel; Fletcher, Dominique			69
18713929	Pre-Irradiation of blood by gallium aluminum arsenide (830 nm) low-level laser enhances peripheral endogenous opioid analgesia in rats.	2008	Anesthesia And Analgesia	Hagiwara, Satoshi; Iwasaka, Hideo; Hasegawa, Akira; Noguchi, Takayuki	Y		56

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18713926	Continuous low-dose ketamine improves the analgesic effects of fentanyl patient-controlled analgesia after cervical spine surgery.	2008	Anesthesia And Analgesia	Yamauchi, Masanori; Asano, Makoto; Watanabe, Masanori; Iwasaki, Soushi; Furuse, Shingo; Namiki, Akiyoshi			Y		26
18713924	A systematic review of randomized trials evaluating regional techniques for postthoracotomy analgesia.	2008	Anesthesia And Analgesia	Joshi, Girish P; Bonnet, Francis; Shah, Rakesh; Wilkinson, Roseanne C; Camu, Frederic; Fischer, Barrie; Neugebauer, Edmund A M; Rawal, Narinder; Schug, Stephan A; Simanski, Christian; Kehler, Henrik					344
18713922	Transdermal nicotine patch failed to improve postoperative pain management.	2008	Anesthesia And Analgesia	Turan, Alparslan; White, Paul F; Koyuncu, Onur; Karamanliolu, Beyhan; Kaya, Gaye; Apfel, Christian C					32
18713921	Transdermal nicotine patch for postoperative pain management: a pilot dose-ranging study.	2008	Anesthesia And Analgesia	Hong, Daewha; Conell-Price, Jessamyn; Cheng, Sean; Flood, Pamela			Y		35
18713920	Transdermal nicotine for analgesia after radical retropubic prostatectomy.	2008	Anesthesia And Analgesia	Habib, Ashraf S; White, William D; El Gasim, Magdi A; Saleh, Gamal; Polascik, Thomas J; Moul, Judd W; Gan, Tong J			Y		38
18713913	Respiratory depression after neuraxial opioids in the obstetric setting.	2008	Anesthesia And Analgesia	Carvalho, Brendan			Y		92
18713912	An evaluation of the postoperative antihyperalgesic and analgesic effects of intrathecal clonidine administered during elective cesarean delivery.	2008	Anesthesia And Analgesia	Lavand'homme, Patricia M; Roelants, Fabienne; Waterloos, Hilde; Collet, Valerie; De Kock, Marc F					52
18710777	A comparison of open vs laparoscopic pediatric pyeloplasty using the pediatric health information system database—do benefits of laparoscopic approach recede at younger ages?	2008	The Journal Of Urology	Tanaka, Stacy T; Grantham, John A; Thomas, John C; Adams, Mark C; Brock, John W 3rd; Pope, John C 4th			Y		Not found on Microsoft Academic
18699897	The effects of different analgesic regimens on transcutaneous CO <sub>2</sub> after major surgery.	2008	Anaesthesia	McCormack, J G; Kelly, K P; Wedgwood, J; Lyon, R					14
18671926	Challenges of fragmented care in long-term management of pelvic pain.	2007	The Journal Of Family Practice	Apgar, Barbara S			Y		0
18655760	Looking beyond the administered drug: metabolites of opioid analgesics.	2008	The Journal Of Family Practice	Nagar, Swati; Raffa, Robert B			Y		13
18676920	Femoral nerve block for diaphyseal and distal femoral fractures in the emergency department.	2008	The Journal Of Bone And Joint Surgery. American Volume	Rogers, Benedict A; Rang, Simon			Y		0
18664337	Update on managing chronic pain in the elderly.	2007	The Journal Of Family Practice	Malanga, Gerard; Paster, Zorba			Y		2
18664822	Relieving pain and suffering does not hasten death.	2008	Critical Care Medicine	Rurup, Mette L; Onwuteaka-Philipsen, Bregje D			Y		0
18664819	Relieving suffering or hastening death: a misrepresentation.	2008	Critical Care Medicine	Regnard, Claud; Finlay, Ilora			Y		0
18664814	Withdrawal assessment in the pediatric intensive care unit: quantifying a morbidity of pain and sedation management in the critically ill child.	2008	Critical Care Medicine	Easley, R Blaine; Nichols, David G			Y		5
18663173	QTc interval prolongation and opioid addiction therapy.	2008	Archives Of Internal Medicine	Baker, William A; Krantz, Mori J			Y		0
18648240	Enhancement of spinal N-methyl-D-aspartate receptor function by remifentanil action at delta-opioid receptors as a mechanism for acute opioid-induced hyperalgesia or tolerance.	2008	Anesthesiology	Zhao, Min; Joo, Daisy T			Y		Not found on Microsoft Academic
18648238	Morphine versus mexiletine for treatment of postamputation pain: a randomized, placebo-controlled, crossover trial.	2008	Anesthesiology	Wu, Christopher L; Agarwal, Shefali; Tella, Prabhav K; Klick, Brendan; Clark, Michael R; Haythornthwaite, Jennifer A; Max, Mitchell B; Raja, Srinivasa N			Y		85
18648226	Anesthetic technique for radical prostatectomy surgery affects cancer recurrence: a retrospective analysis.	2008	Anesthesiology	Biki, Barbara; Mascha, Edward; Moriarty, Denis C; Fitzpatrick, John M; Sessler, Daniel I; Buggy, Donal J					398
18648222	One from column A and one from column B: may I take your order?	2008	Anesthesiology	Klass, Markus; Csete, Marie			Y		1
18647845	Premedication to reduce discomfort during screening mammography.	2008	Radiology	Lambertz, Colleen K; Johnson, Christopher J; Montgomery, Paul G; Maxwell, James R					26
18635506	Intercostally placed paravertebral catheterization: an alternative approach to continuous paravertebral blockade.	2008	Anesthesia And Analgesia	Burns, David A; Ben-David, Bruce; Chelly, Jacques E; Greensmith, J Eric					31
18635502	Sex, gender, and pain: an overview of a complex field.	2008	Anesthesia And Analgesia	Hurley, Robert W; Adams, Meredith C B			Y		128
18635501	A new knee surgery model in rats to evaluate functional measures of postoperative pain.	2008	Anesthesia And Analgesia	Buvanendran, Asokumar; Kroin, Jeffrey S; Kari, Maruti R; Tuman, Kenneth J					22
18635500	Intraarticular tramadol-bupivacaine combination prolongs the duration of postoperative analgesia after outpatient arthroscopic knee surgery.	2008	Anesthesia And Analgesia	Zeidan, Ahed; Kassem, Rida; Nahleh, Nazih; Maaliki, Hilal; El-Khatib, Mohamad; Struys, Michel M R F; Baraka, Anis			Y		50
18635479	Postoperative hypoxemia in morbidly obese patients with and without obstructive sleep apnea undergoing laparoscopic bariatric surgery.	2008	Anesthesia And Analgesia	Ahmad, Shireen; Nagle, Alexander; McCarthy, Robert J; Fitzgerald, Paul C; Sullivan, John T; Prystowsky, Jay					127
18635471	Sex-specific responses to opiates: animal and human studies.	2008	Anesthesia And Analgesia	Dahan, Albert; Kest, Benjamin; Waxman, Amanda R; Sarton, Elise			Y		88
18635470	Listening to music during anesthesia does not reduce the sevoflurane concentration needed to maintain a constant bispectral index.	2008	Anesthesia And Analgesia	Szmunek, Peter; Aroyo, Nimrod; Ezri, Tiberiu; Muzikant, Gleb; Weisenberg, Marian; Sessler, Daniel I			Y		14
18635469	The prevalence of and risk factors for adverse events in children receiving patient-controlled analgesia by proxy or patient-controlled analgesia after surgery.	2008	Anesthesia And Analgesia	Voepel-Lewis, Terri; Marinkovic, Annette; Kostreza, Amy; Tait, Alan R; Malviya, Shobha			Y		58

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18635460	Mixed effect modeling in analgesia trials.	2008	Anesthesia And Analgesia	Shafer, Steven L; Struys, Michel M R F			Y		24
18633055	The effects of varying local anesthetic concentration and volume on continuous popliteal sciatic nerve blocks: a dual-center, randomized, controlled study.	2008	Anesthesia And Analgesia	Ilfeld, Brian M; Roland, Vanessa J; Gerancher, J C; Wadhwa, Anupama N; Renahan, Elizabeth M; Sessler, Daniel I; Shuster, Jonathan J; Theriaque, Douglas W; Maldonado, Rosalita C; Mariano, Edward R					59
18633054	Intrathecal clonidine suppresses phosphorylation of the N-methyl-D-aspartate receptor NR1 subunit in spinal dorsal horn neurons of rats with neuropathic pain.	2008	Anesthesia And Analgesia	Roh, Dae-Hyun; Kim, Hyun-Woo; Yoon, Seo-Yeon; Seo, Hyoung-Sig; Kwon, Young-Bae; Han, Ho-Jae; Beitz, Alvin J; Lee, Jang-Hern					38
18633053	Prolonged use of high-dose morphine impairs angiogenesis and mobilization of endothelial progenitor cells in mice.	2008	Anesthesia And Analgesia	Lam, Chen-Fuh; Chang, Pei-Jung; Huang, Yu-Sheng; Sung, Yen-Hui; Huang, Chien-Chi; Lin, Ming-Wei; Liu, Yen-Chin; Tsai, Yu-Chuan					46
18633024	The relationship between patient risk factors and early versus late postoperative emetic symptoms.	2008	Anesthesia And Analgesia	White, Paul F; Sacan, Ozlem; Nuangchampong, Nina; Sun, Tiffany; Eng, Matthew R					36
18594262	The evolution of pain management in the critically ill trauma patient: Emerging concepts from the global war on terrorism.	2008	Critical Care Medicine	Malchow, Randall J; Black, Ian H			Y		86
18627367	A procedure-specific systematic review and consensus recommendations for postoperative analgesia following total knee arthroplasty.	2008	Anaesthesia	Fischer, H B J; Simanski, C J P; Sharp, C; Bonnet, F; Camu, F; Neugebauer, E A M; Rawal, N; Joshi, G P; Schug, S A; Kehlet, H Sammour, T; Kahokehr, A; Hill, A G					204
18618870	Meta-analysis of the effect of warm humidified insufflation on pain after laparoscopy.	2008	The British Journal Of Surgery				Y		49
18616523	An evaluation of conscious sedation using propofol and remifentanil for tension-free vaginal tape insertion.	2008	Anaesthesia	Winton, A L; Eastwood, J; Powell, M C; Norris, A M			Y		4
18616522	Effects of fentanyl pretreatment on the QTc interval during propofol induction.	2008	Anaesthesia	Chang, D J; Kweon, T D; Nam, S B; Lee, J S; Shin, C S; Park, C H; Han, D W					47
18594373	A local anesthetic pump reduces postoperative pain and narcotic and antiemetic use in breast reconstruction surgery: a randomized controlled trial.	2008	Plastic And Reconstructive Surgery	Rawlani, Vinay; Kryger, Zol B; Lu, Leonard; Fine, Neil A			Y		19
18590431	Effect of ropivacaine skull block on perioperative outcomes in patients with supratentorial brain tumors and comparison with remifentanil: a pilot study.	2008	Journal Of Neurosurgery	Gazoni, Farnaz M; Pouratian, Nader; Nemergut, Edward C					16
18580181	Lack of impact of intravenous lidocaine on analgesia, functional recovery, and nociceptive pain threshold after total hip arthroplasty.	2008	Anesthesiology	Martin, Frederic; Cherif, Kamel; Gentili, Marc Emile; Enel, Dominique; Abe, Emuri; Alvarez, Jean Claude; Mazoit, Jean Xavier; Chauvin, Marcel; Bouhassira, Didier; Fletcher, Dominique			Y		76
18574345	Withdrawal of analgesic medication for chronic low-back pain patients: improvement in outcomes of multidisciplinary rehabilitation regardless of surgical history.	2008	American Journal Of Physical Medicine & Rehabilitation	Crisostomo, Ralph A; Schmidt, John E; Hooten, W Michael; Kerkvliet, Jennifer L; Townsend, Cynthia O; Bruce, Barbara K			Y		35
18574293	Central sleep apnea induced by acute ingestion of opioids.	2008	Chest	Mogri, Mohammed; Khan, Mohammed I A; Grant, Brydon J B; Mador, M Jeffrey			Y		46
18557970	The optimum bolus dose of remifentanil to facilitate laryngeal mask airway insertion with a single standard dose of propofol at induction in children.	2008	Anaesthesia	Kwak, H J; Kim, J Y; Kim, Y B; Chae, Y J; Kim, J Y		Y			12
18551194	Hypocretin/orxin and nociceptin/orphanin FQ coordinately regulate analgesia in a mouse model of stress-induced analgesia.	2008	The Journal Of Clinical Investigation	Xie, Xinmin; Wisor, Jonathan P; Hara, Junko; Crowder, Tara L; LeWinter, Robin; Khroyan, Taline V; Yamanaka, Akhiro; Diana, Sabrina; Horvath, Tamas L; Sakurai, Takeshi; Toll, Lawrence; Kilduff, Thomas S					69
18550087	Percutaneous and laparoscopic cryoablation of small renal masses.	2008	The Journal Of Urology	Finley, David S; Beck, Shawn; Box, Geoffrey; Chu, William; Deane, Leslie; Vajrt, Duane J; McDougall, Elspeth M; Clayman, Ralph V			Y		110
18549887	Limited effect of thoracoscopic splanchicectomy in the treatment of severe chronic pancreatitis pain: a prospective long-term analysis of 75 cases.	2008	Surgery	Buscher, Hessel C J L; Schipper, Ellen E; Wilder-Smith, Oliver H G; Jansen, Jan B M J; van Goor, Harry			Y		27
18547291	A prospective audit of regional anaesthesia failure in 5080 Caesarean sections.	2008	Anaesthesia	Kinsella, S M			Y		79
18541884	Controlled trial of high-concentration capsaicin patch for treatment of painful HIV neuropathy.	2008	Neurology	Simpson, David M; Brown, Stephen; Tobias, Jeffrey			Y		205
18540495	Trigeminal neuralgia.	2008	American Family Physician	Kraft, Rudolph M			Y		Not found on Microsoft Academic
18539666	Peri-articular steroid injection improves the outcome after unicondylar knee replacement: a prospective, randomised controlled trial with a two-year follow-up.	2008	The Journal Of Bone And Joint Surgery. British Volume	Pang, H-N; Lo, N-N; Yang, K-Y; Chong, H-C; Yeo, S-J			Y		30
18511476	Cost-effectiveness of advising the use of topical or oral ibuprofen for knee pain; the TOIB study [ISRCTN: 79353052].	2008	Rheumatology (Oxford, England)	Castelnuovo, E; Cross, P; Mt-Isa, S; Spencer, A; Underwood, M					16
18509120	Methylnaltrexone for opioid-induced constipation in advanced illness.	2008	The New England Journal Of Medicine	Thomas, Jay; Karver, Sloan; Cooney, Gail Austin; Chamberlain, Bruce H; Watt, Charles Kevin; Slatkin, Neal E; Stambler, Nancy; Kremer, Alton B; Israel, Robert J		Y			393
18503793	The relationship between repeated epidural steroid injections and subsequent opioid use and lumbar surgery.	2008	Archives Of Physical Medicine And Rehabilitation	Friedly, Janna; Nishio, Isuta; Bishop, Michael J; Maynard, Charles			Y		28

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18499643	Transversus abdominis plane block in a patient with debilitating pain from an abdominal wall hematoma following cesarean delivery.	2008	Anesthesia And Analgesia	Randall, Ian M; Costello, Joseph; Carvalho, Jose C A		Y		15
18499628	The analgesic drug, tramadol, acts as an agonist of the transient receptor potential vanilloid-1.	2008	Anesthesia And Analgesia	Marincsak, Rita; Toth, Balazs I; Czifra, Gabriella; Szabo, Tamas; Kovacs, Laszlo; Biro, Tamas				35
18499626	The spinal antinociceptive effects of endorphins in rats: behavioral and G protein functional studies.	2008	Anesthesia And Analgesia	Xie, Hong; Woods, James H; Traynor, John R; Ko, Mei-Chuan				16
18499623	Postoperative ketamine administration decreases morphine consumption in major abdominal surgery: a prospective, randomized, double-blind, controlled study.	2008	Anesthesia And Analgesia	Zakine, Jerome; Samarcq, David; Lorne, Emmanuel; Moubarak, Mona; Montravers, Philippe; Beloucif, Sadek; Dupont, Herve				86
18499604	Dexmedetomidine infusion during laparoscopic bariatric surgery: the effect on recovery outcome variables.	2008	Anesthesia And Analgesia	Tufanogullari, Burcu; White, Paul F; Peixoto, Mariana P; Kianpour, Daniel; Lacour, Thomas; Griffin, James; Skrivanek, Gary; Macaluso, Amy; Shah, Mary; Provost, David A				156
18499601	A prospective, randomized comparison of the effects of inhaled sevoflurane anesthesia and propofol/remifentanil intravenous anesthesia on salivary excretion during laryngeal microsurgery.	2008	Anesthesia And Analgesia	Kang, Jin Gu; Kim, Jin Kyoung; Jeong, Han-Sin; Jung, Soo-Chan; Ko, Moon Hee; Park, Shin Hong; Cho, Jae Keun; Lee, Gil Joon; Choi, Ji Won; Lee, Byung Dal		Y		15
18497612	Effect of AMG0347, a transient receptor potential type V1 receptor antagonist, and morphine on pain behavior after plantar incision.	2008	Anesthesiology	Wu, Chaoran; Gavva, Narendra R; Brennan, Timothy J		Y		39
18497611	Epidural analgesia enhances the postoperative anabolic effect of amino acids in diabetes mellitus type 2 patients undergoing colon surgery.	2008	Anesthesiology	Lugli, Andrea Kopp; Donatelli, Francesco; Schiricker, Thomas; Wykes, Linda; Carli, Franco				11
18497609	Assessment of behavior during labor in rats and effect of intrathecal morphine.	2008	Anesthesiology	Tong, Chuanyao; Conklin, Dawn R; Liu, Baogang; Rinne, Douglas G; Eisenach, James C		Y		6
18490694	Overviews and systematic reviews on low back pain.	2008	Annals Of Internal Medicine	Bjordal, Jan M; Klovning, Atle; Lopes-Martins, Rodrigo Alvaro B; Roland, Pal-Didrik Hoff; Joensen, Jon; Slordal, Lars		Y		0
18477290	Remifentanil for pain due to Guillain-Barre syndrome.	2008	Anaesthesia	Johnson, D S; Dunn, M J G		Y		4
18458035	EMLA cream and nitrous oxide to alleviate pain induced by palivizumab (Synagis) intramuscular injections in infants and young children.	2008	Pediatrics	Carabajal, Ricardo; Biran, Valerie; Lenclen, Richard; Epaud, Ralph; Cimerman, Patricia; Thibault, Pascale; Annequin, Daniel; Gold, Francis; Fauroux, Brigitte				32
18456018	Increased assessment and monitoring needed for patients receiving methadone.	2008	The American Journal Of Medicine	Merlo, Lisa J; Gold, Mark S		Y		1
18452735	Septic sternoclavicular joint: a case report.	2008	Archives Of Physical Medicine And Rehabilitation	Crisostomo, Ralph A; Laskowski, Edward R; Bond, Jeffrey R; Agerter, David C		Y		14
18452637	Oesophageal perforation following ingestion of over-the-counter ibuprofen capsules.	2008	The Journal Of Laryngology And Otology	Singh, N P; Rizk, J G		Y		13
18443263	Circumstances of death in hospitalized patients and nurses' perceptions: French multicenter Mort-a-l'Hopital survey.	2008	Archives Of Internal Medicine	Ferrand, Edouard; Jubre, Patricia; Vincent-Genod, Claire; Aubry, Regis; Badet, Michel; Badia, Philippe; Cariou, Alain; Ellien, Francoise; Gounant, Valerie; Gil, Roger; Jaber, Samir; Jay, Sylvie; Paillaud, Elena; Poulaun, Philippe; Regnier, Bernard; Reigner, Jean; Socie, Gerard; Tardy, Bernard; Lemaire, Francois; Brun-Buisson, Christian; Marty, Jean				59
18420876	Postoperative analgesic efficacy of peripheral levobupivacaine and ropivacaine: a prospective, randomized double-blind trial in patients after total knee arthroplasty.	2008	Anesthesia And Analgesia	Heid, Florian; Muller, Nicole; Piepho, Tim; Barres, Maren; Giese, Markus; Drees, Philipp; Rumelin, Andreas; Werner, Christian				27
18420872	Predictive factors of severe postoperative pain in the postanesthesia care unit.	2008	Anesthesia And Analgesia	Aubrun, Frederic; Valade, Nathalie; Coriat, Pierre; Riou, Bruno				68
18413872	Demographic characteristics and opioid prescribing.	2008	JAMA	Maserejian, Nancy N; McKinlay, John B		Y		1
18413871	Demographic characteristics and opioid prescribing.	2008	JAMA	Berger, Jeffrey T		Y		1
18412647	The effect of lidocaine on remifentanil-induced cough.	2008	Anaesthesia	Kim, J Y; Park, K S; Kim, J S; Park, S Y; Kim, J W	Y			18
18411219	Course and prognosis of shoulder symptoms in general practice.	2008	Rheumatology (Oxford, England)	Reilingh, M L; Kuijpers, T; Tanja-Harferkamp, A M; van der Windt, D A				51
18376165	The correlation between ketamine and posttraumatic stress disorder in burned service members.	2008	The Journal Of Trauma	McGhee, Laura L; Maani, Christopher V; Garza, Thomas H; Gaylord, Kathryn M; Black, Ian H		Y		94
18388884	Application of software design principles and debugging methods to an analgesia prescription reduces risk of severe injury from medical use of opioids.	2008	Clinical Pharmacology And Therapeutics	Belknap, S M; Moore, H; Lanzotti, S A; Yamold, P R; Getz, M; Deitrick, D L; Peterson, A; Akeson, J; Maurer, T; Solysik, R C; Storm, G A; Brooks, I				19
18381566	A 50-year-old man with chronic low back pain.	2008	JAMA	Rathmell, James P		Y		19
18381506	Toxicity of buprenorphine overdoses in children.	2008	Pediatrics	Hayes, Bryan D; Klein-Schwartz, Wendy; Doyon, Suzanne		Y		46

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18377854	Hypnotic analgesia intervention during first-trimester pregnancy termination: an open randomized trial.	2008	American Journal Of Obstetrics And Gynecology	Marc, Isabelle; Rainville, Pierre; Masse, Benoit; Verreault, Rene; Vaillancourt, Lucie; Vallee, Estelle; Dodin, Sylvie				30
18374009	Modulation between high- and low-frequency transcutaneous electric nerve stimulation delays the development of analgesic tolerance in arthritic rats.	2008	Archives Of Physical Medicine And Rehabilitation	Desantana, Josimari M; Santana-Filho, Valter J; Sluka, Kathleen A		Y		43
18364623	Similar effects of tramadol and venlafaxine in major depressive disorder.	2008	Southern Medical Journal	Reeves, Roy R; Cox, Sera K			Y	27
18364488	Managing an acute pain crisis in a patient with advanced cancer: "this is as much of a crisis as a code".	2008	JAMA	Moryl, Natalie; Coyle, Nessa; Foley, Kathleen M				26
18362594	Remifentanil inhibits rapid eye movement sleep but not the nocturnal melatonin surge in humans.	2008	Anesthesiology	Bonafide, Christopher P; Aucutt-Walter, Natalie; Divittore, Nicole; King, Tonya; Bixler, Edward O; Cronin, Arthur J				26
18349212	Stimulating catheters for continuous femoral nerve blockade after total knee arthroplasty: a randomized, controlled, double-blinded trial.	2008	Anesthesia And Analgesia	Barrington, Michael J; Olive, David J; McCutcheon, Craig A; Scarff, Christopher; Said, Simone; Kluger, Roman; Gillett, Nicola; Choong, Peter				37
18349210	Suppression of noxious-induced c-fos expression in the rat lumbar spinal cord by isoflurane alone or combined with fentanyl.	2008	Anesthesia And Analgesia	Sommers, Mathieu G; Nguyen, Nha-Khanh; Veening, Jan G; Vissers, Kris C; Ritskes-Hoitinga, Merel; van Egmond, Jan			Y	9
18349203	A prospective randomized trial on the role of perioperative celecoxib administration for total knee arthroplasty: improving clinical outcomes.	2008	Anesthesia And Analgesia	Reuben, Scott S; Buvanendran, Asokumar; Katz, Brennan; Kroin, Jeffrey S				29
18349202	Single-dose dexamethasone reduces dynamic pain after total hip arthroplasty.	2008	Anesthesia And Analgesia	Kardash, Kenneth J; Sarrazin, Frederic; Tessler, Michael J; Velly, Ana M			Y	107
18349197	Bilateral ultrasound-guided continuous ilioinguinal-iliohypogastric block for pain relief after cesarean delivery.	2008	Anesthesia And Analgesia	Gucev, Gligor; Yasui, Grant M; Chang, Tien-Yu; Lee, Jeffrey			Y	59
18349181	The effects of oral ondansetron disintegrating tablets for prevention of at-home emesis in pediatric patients after ear-nose-throat surgery.	2008	Anesthesia And Analgesia	Davis, Peter J; Fertal, Kathleen M; Boretsky, Karen R; Fedel, Gina M; Ingram, Michael D; Woelfel, Susan K; Hoffmann, Paul C; Gurnaney, Harshad; Young, Michael C				24
18295655	Chronic pain and opiates: balancing pain control and risks in long-term opioid treatment.	2008	Archives Of Physical Medicine And Rehabilitation	Gallagher, Rollin M; Rosenthal, Lisa J			Y	41
18295654	Chronic pain and opiates: a call for moderation.	2008	Archives Of Physical Medicine And Rehabilitation	Harden, R Norman			Y	20
18295648	Interventions in chronic pain management. 1. Update on important definitions in pain management.	2008	Archives Of Physical Medicine And Rehabilitation	Holding, Michele Y; Saulino, Michael F; Overton, E Anthony; Kornbluth, Ira D; Freedman, Mitchell K			Y	2
18336490	Peri-operative anaesthetic management of cytoreductive surgery with hyperthermic intraperitoneal chemotherapy.	2008	Anaesthesia	Schmidt, C; Creutzzenberg, M; Piso, P; Hobbhahn, J; Bucher, M			Y	89
18336483	The effect of bolus administration of remifentanil on QTc interval during induction of sevoflurane anaesthesia.	2008	Anaesthesia	Kwon, T D; Nam, S B; Chang, C H; Kim, M S; Lee, J S; Shin, C S; June, D B; Han, D W				35
18329487	Thoracoscopic lobectomy: report on safety, discharge independence, pain, and chemotherapy tolerance.	2008	The Journal Of Thoracic And Cardiovascular Surgery	Nicastri, Daniel G; Wisnivesky, Juan P; Little, Virginia R; Yun, Jaime; Chin, Cynthia; Dembitzer, Francine R; Swanson, Scott J			Y	106
18321458	Clinical inquiries. Is osteopathic manipulation effective for headaches?	2008	The Journal Of Family Practice	Keays, Ashley C; Neher, Jon O; Safranek, Sarah; Webb, Charles W			Y	Not found on Microsoft Academic
18319411	Commercial features of placebo and therapeutic efficacy.	2008	JAMA	Waber, Rebecca L; Shiv, Baba; Carmon, Ziv; Ariely, Dan				232
18317139	The role of peripheral nerve surgery in the treatment of chronic pain associated with amputation stumps.	2008	Plastic And Reconstructive Surgery	Ducic, Ivica; Mesbahi, Ali N; Attinger, Christopher E; Graw, Kate			Y	43
18317120	A prospective, randomized, double-blind, controlled trial of continuous local anesthetic infusion in cosmetic breast augmentation.	2008	Plastic And Reconstructive Surgery	Kazmier, Faeza R; Henry, Steven L; Christiansen, Dustin; Puckett, Charles L			Y	27
18315999	The sickle cell crisis: a dilemma in pain relief.	2008	Mayo Clinic Proceedings	Geller, Alan K; O'Connor, M Kevin			Y	28
18308218	A randomized controlled trial comparing acetaminophen plus ibuprofen versus acetaminophen plus codeine plus caffeine after outpatient general surgery.	2008	Journal Of The American College Of Surgeons	Mitchell, Alex; van Zanten, Sander Veldhuizen; Inglis, Karen; Porter, Geoffrey				34
18305071	Analgesia for children with acute abdominal pain and diagnostic accuracy.	2008	Archives Of Disease In Childhood	Anderson, M; Collins, E			Y	6
18304510	Laparoscopic cholecystectomy under spinal anesthesia.	2008	American Journal Of Surgery	Yuksek, Yunus Nadi; Akat, Arif Zeki; Gozalan, Ugur; Daglar, Gul; Pala, Yasar; Canturk, Mehmet; Tutuncu, Tanju; Kara, Nuri Aydin			Y	29
18295264	Short stay pyeloplasty: variables affecting pain and length of stay.	2008	The Journal Of Urology	Chamie, Karim; Tanaka, Stacy T; Hu, Brian; Kurzrock, Eric A				Not found on Microsoft Academic
18292687	Blood-brain barrier transport helps to explain discrepancies in in vivo potency between oxycodone and morphine.	2008	Anesthesiology	Bostrom, Emma; Hammarlund-Udenaes, Margareta; Simonsson, Ulrika S H			Y	70
18292686	Gabapentin prevents delayed and long-lasting hyperalgesia induced by fentanyl in rats.	2008	Anesthesiology	Van Elstraete, Alain C; Sitbon, Philippe; Mazoit, Jean-Xavier; Benhamou, Dan			Y	55
18292685	A fracture pain model in the rat: adaptation of a closed femur fracture model to study skeletal pain.	2008	Anesthesiology	Freeman, Katie T; Koehler, Nathan J; Jimenez-Andrade, Juan M; Buus, Ryan J; Herrera, Monica B; Martin, Carl D; Ghilardi, Joseph R; Kuskowski, Michael A; Manthey, Patrick W		Y		31

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		Year	Month						
18292684	Mouse model of fracture pain.	2008		Anesthesiology	Minville, Vincent; Laffosse, Jean-Michel; Fourcade, Olivier; Girolami, Jean-Pierre; Tack, Ivan			Y	16
18292452	A prospective comparison of continuous wound infiltration with ropivacaine versus single-injection paravertebral block after modified radical mastectomy.	2008		Anesthesia And Analgesia	Sidiropoulou, Tatiana; Buonomo, Oreste; Fabbri, Eleonora; Silvi, Maria Beatrice; Kostopanagiotou, Georgia; Sabato, Alessandro Fabrizio; Dauri, Mario			Y	62
18292451	Does patient-controlled continuous interscalene block improve early functional rehabilitation after open shoulder surgery?	2008		Anesthesia And Analgesia	Hofmann-Kiefer, Klaus; Eiser, Tim; Chappell, Daniel; Leuschner, Stephan; Conzen, Peter; Schwender, Dirk				30
18292445	Perioperative versus postoperative celecoxib on patient outcomes after major plastic surgery procedures.	2008		Anesthesia And Analgesia	Sun, Tiffany; Sacan, Ozlem; White, Paul F; Coleman, Jayne; Rohrich, Rod J; Kenkel, Jeffrey M				51
18292431	Human peripheral blood mononuclear cells produce pre-pro-nociceptin/orphanin FQ mRNA.	2008		Anesthesia And Analgesia	Williams, John P; Thompson, Jonathan P; Rowbotham, David J; Lambert, David G				21
18289230	A national survey into the peri-operative anaesthetic management of patients presenting for surgical correction of a fractured neck of femur.	2008		Anaesthesia	Sandby-Thomas, M; Sullivan, G; Hall, J E			Y	32
18264845	Development of a regional model of care for ambulatory total shoulder arthroplasty: a pilot study.	2008		Clinical Orthopaedics And Related Research	Gallay, S H; Lobo, J J A; Baker, J; Smith, K; Patel, K			Y	15
18258644	Echinacea in infection.	2008		The American Journal Of Clinical Nutrition	Birt, Diane F; Widrlechner, Mark P; Lalone, Carlie A; Wu, Lankun; Bae, Jaehoon; Solco, Avery Ks; Kraus, George A; Murphy, Patricia A; Wurtzel, Eve S; Leng, Qiang; Hebert, Steven C; Mauri, Wendy J; Price, Jason P			Y	27
18257092	Genetic variation and response to morphine in cancer patients: catechol-O-methyltransferase and multidrug resistance-1 gene polymorphisms are associated with central side effects.	2008		Cancer	Ross, Joy R; Riley, Julia; Taegtmeyer, Annie B; Sato, Hiroe; Gretton, Sophy; du Bois, Roland M; Welsh, Kenneth I				98
18250260	Placebo and nocebo effects are defined by opposite opioid and dopaminergic responses.	2008		Archives Of General Psychiatry	Scott, David J; Stohler, Christian S; Eggnatuk, Christine M; Wang, Heng; Koeppel, Robert A; Zubietka, Jon-Kar			Y	395
18246198	Chronic morphine use does not induce peripheral tolerance in a rat model of inflammatory pain.	2008		The Journal Of Clinical Investigation	Zollner, Christian; Mousa, Shaaaban A; Fischer, Oliver; Rittner, Heike L; Shaqura, Mohammed; Brack, Alexander; Shakibaei, Mehdi; Binder, Waltraud; Urban, Florian; Stein, Christoph; Schafer, Michael				97
18245666	Thalidomide for treatment of multiple myeloma: 10 years later.	2008		Blood	Palumbo, Antonio; Facon, Thierry; Sonneveld, Pieter; Bladé, Joan; Offidani, Massimo; Gay, Francesca; Moreau, Philippe; Waage, Anders; Spencer, Andrew; Ludwig, Heinz; Boccadoro, Mario; Harousseau, Jean-Luc			Y	207
18240240	Antiinflammatory role of endorphins in osteoarthritis, rheumatoid arthritis, and adjuvant-induced polyarthritides.	2008		Arthritis And Rheumatism	Straub, Rainer H; Wolff, Christine; Fassold, Alexander; Hofbauer, Rafael; Chover-Gonzalez, Antonio; Richards, Louise J; Jessop, David S				31
18227667	Capnography and respiratory depression.	2008		The American Journal Of Nursing	Hutchison, Rob; Rodriguez, Les			Y	21
18227327	Opioid-induced hyperalgesia and rapid opioid detoxification after tacrolimus administration.	2008		Anesthesia And Analgesia	Siniscalchi, Antonio; Piraccini, Emanuele; Miklosova, Zuzana; Taddei, Stefania; Faenza, Stefano; Martinelli, Gerardo			Y	9
18227325	Intrathecal ziconotide for severe chronic pain: safety and tolerability results of an open-label, long-term trial.	2008		Anesthesia And Analgesia	Wallace, Mark S; Rauck, Richard; Fisher, Robert; Charapata, Steven G; Ellis, David; Dissanayake, Sanjeewa		Y		72
18227324	The limited efficacy of tramadol in postoperative patients: a study of ED80 using the continual reassessment method.	2008		Anesthesia And Analgesia	Thevenin, Aude; Beloëil, Hélène; Blanier, Antonia; Benhamou, Dan; Mazoit, Jean-Xavier			Y	16
18227322	Acupuncture analgesia: I. The scientific basis.	2008		Anesthesia And Analgesia	Wang, Shu-Ming; Kain, Zeev N; White, Paul				172
18227302	An evaluation of remifentanil propofol response surfaces for loss of responsiveness, loss of response to surrogates of painful stimuli and laryngoscopy in patients undergoing elective surgery.	2008		Anesthesia And Analgesia	Johnson, Ken B; Syroid, Noah D; Gupta, Dhanesh K; Manyam, Sandeep C; Egan, Talmage D; Huntington, Jeremy; White, Julia L; Tyler, Diane; Westenskow, Dwayne R				41
18227301	Pharmacological characterization of noroxymorphone as a new opioid for spinal analgesia.	2008		Anesthesia And Analgesia	Lemberg, Kim K; Siiskonen, Antti O; Kontinen, Vesa K; Yli-Kauhaluoma, Jari T; Kalso, Eija A				30
18226799	Oral gabapentin for the treatment of postoperative pain after photorefractive keratectomy.	2008		American Journal Of Ophthalmology	Nissman, Steven A; Trachtenberg, Rochelle E; Babbar-Goel, Anita; Pasternak, Joseph F			Y	29
18222382	Social connectedness and patient recovery after major operations.	2008		Journal Of The American College Of Surgeons	Mitchinson, Alison R; Kim, Hyunjin Myra; Geisser, Michael; Rosenberg, Jack M; Hinshaw, Daniel B			Y	38
18212576	Enhanced peripheral analgesia using virally mediated gene transfer of the mu-opioid receptor in mice.	2008		Anesthesiology	Zhang, Guohua; Mohammad, Husam; Peper, Brad D; Raja, Srinivas; Wilson, Steven P; Switzer, Sarah M				Not found on Microsoft Academic

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18212574	A randomized, double-masked, multicenter comparison of the safety of continuous intrathecal labor analgesia using a 28-gauge catheter versus continuous epidural labor analgesia.	2008		Anesthesiology	Arkoosh, Valerie A; Palmer, Craig M; Yun, Esther M; Sharma, Shiv K; Bates, James N; Wissler, Richard N; Buxbaum, Jodie L; Nogami, Wallace M; Gracely, Edward J				43
18206703	Vaso-occlusive episodes in older children with sickle cell disease: emergency department management and pain assessment.	2008		The Journal Of Pediatrics	Frei-Jones, Melissa J; Baxter, Amy L; Rogers, Zora R; Buchanan, George R		Y		24
18206563	Meperidine for acute sickle cell pain in the emergency department: revisited controversy.	2008		Annals Of Emergency Medicine	Ballas, Samir K		Y		10
18206553	Why meperidine should not make a comeback in treating patients with sickle cell disease.	2008		Annals Of Emergency Medicine	Howland, Mary Ann; Goldfrank, Lewis R		Y		2
18206552	Use of meperidine as the analgesic of choice in treating pain from acute painful sickle cell crisis.	2008		Annals Of Emergency Medicine	Morgan, Marshall T		Y		7
18195334	Daily assessment of pain in adults with sickle cell disease.	2008		Annals Of Internal Medicine	Smith, Wally R; Penberthy, Lynne T; Bovbjerg, Viktor E; McClish, Donna K; Roberts, John D; Dahman, Bassam; Aisiku, Imoigie P; Levenson, James L; Roseff, Susan D		Y		287
18195331	Summaries for patients. Pain and health care visits in patients with sickle cell disease.	2008		Annals Of Internal Medicine				Y	Not found on Microsoft Academic
18187075	A community-based evaluation of sudden death associated with therapeutic levels of methadone.	2008		The American Journal Of Medicine	Chugh, Sumeet S; Socoteanu, Carmen; Reinier, Kyndaron; Waltz, Justin; Jui, Jonathan; Gunson, Karen		Y		139
18182416	Comparison of analgesic effects and patient tolerability of nabilone and dihydrocodeine for chronic neuropathic pain: randomised, crossover, double blind study.	2008		BMJ (Clinical Research Ed.)	Frank, B; Serpell, M G; Hughes, J; Matthews, J N S; Kapur, D				114
18176230	Dexmedetomidine in aesthetic facial surgery: improving anesthetic safety and efficacy.	2008		Plastic And Reconstructive Surgery	Taghinia, Amir H; Shapiro, Fred E; Slavin, Summer A		Y		30
18167410	Ensuring effective pain treatment: a national and global perspective.	2008		JAMA	Taylor, Allyn L; Gostin, Lawrence O; Pagonis, Katrina A		Y		28
18167408	Trends in opioid prescribing by race/ethnicity for patients seeking care in US emergency departments.	2008		JAMA	Pletcher, Mark J; Kertesz, Stefan G; Kohn, Michael A; Gonzales, Ralph		Y		390
18165608	Factors affecting morphine metabolism following major liver resection.	2008		Anesthesia And Analgesia	Quiney, Nial F; Patel, Anish; Fawcett, William J		Y		0
18165599	Intraarticular administration of ketorolac, morphine, and ropivacaine combined with intraarticular patient-controlled regional analgesia for pain relief after shoulder surgery: a randomized, double-blind study.	2008		Anesthesia And Analgesia	Axellsson, Kjell; Gupta, Anil; Johanzon, Eva; Berg, Elisabeth; Ekback, Gustav; Rawal, Narinder; Enstrom, Peter; Nordensson, Ulf		Y		29
18165598	The differential effects of bupivacaine and lidocaine on prostaglandin E2 release, cyclooxygenase gene expression and pain in a clinical pain model.	2008		Anesthesia And Analgesia	Gordon, Sharon M; Chuang, Brian P; Wang, Xiao Min; Hamza, May A; Rowan, Janet S; Brahim, Jaime S; Dionne, Raymond A		Y		27
18165596	A comparative study of the analgesic effect of patient-controlled morphine, pethidine, and tramadol for postoperative pain management after abdominal hysterectomy.	2008		Anesthesia And Analgesia	Unluogenc, Hakki; Vardar, Mehmet Ali; Tetiker, Sibel		Y		21
18165595	The median effective dose of preemptive gabapentin on postoperative morphine consumption after posterior lumbar spinal fusion.	2008		Anesthesia And Analgesia	Van Elstraete, Alain C; Tirault, Myriam; Lebrun, Thierry; Sandefo, Ignace; Bernard, Jean-Christophe; Polin, Bruno; Vally, Patrick; Mazoit, Jean-Xavier		Y		31
18165594	Epinephrine 4 microg/mL added to a low-dose mixture of ropivacaine and fentanyl for lumbar epidural analgesia after total knee arthroplasty.	2008		Anesthesia And Analgesia	Forster, Johannes G; Lumme, Hilkka M; Palkama, Vilja J; Rosenberg, Per H; Pitkanen, Mikko T				Not found on Microsoft Academic
18165593	Nimesulide 90 mg orally twice daily does not influence postoperative morphine requirements after major chest surgery.	2008		Anesthesia And Analgesia	Harney, Donal F; Dooley, Michelle; Harhen, Brendan; McGuiness, Niall; Cagney, Gerard; McCrory, Connai; Fitzgerald, Desmond J; Dowd, Noreen P				0
18165592	Is the combination of morphine with ketamine better than morphine alone for postoperative intravenous patient-controlled analgesia?	2008		Anesthesia And Analgesia	Svetlicic, Gorazd; Farzanegan, Farzan; Zmoos, Patrick; Zmoos, Sandra; Eichenberger, Urs; Curatolo, Michele		Y		32
18165591	Disposition and clinical outcome after intraperitoneal meperidine and ropivacaine administration during laparoscopic surgery.	2008		Anesthesia And Analgesia	Paech, Michael J; Ilett, Kenneth F; Hackett, L Peter; Page-Sharp, Madhu; Parsons, Richard W				14
18165589	Anesthesia matters: patients anesthetized with propofol have less postoperative pain than those anesthetized with isoflurane.	2008		Anesthesia And Analgesia	Cheng, Sean S; Yeh, Janet; Flood, Pamela				87
18165577	The analgesic efficacy of transversus abdominis plane block after cesarean delivery: a randomized controlled trial.	2008		Anesthesia And Analgesia	McDonnell, John G; Curley, Gerard; Carney, John; Benton, Aoife; Costello, Joseph; Maharaj, Chirsien H; Laffey, John G		Y		362
18165564	A comparison of sedation with dexmedetomidine or propofol during shockwave lithotripsy: a randomized controlled trial.	2008		Anesthesia And Analgesia	Kaygusuz, Kenan; Gokce, Gokhan; Gursoy, Sinan; Ayan, Semih; Mimaroglu, Caner; Gultekin, Yener		Y		54
18165563	Premedication with mirtazapine reduces preoperative anxiety and postoperative nausea and vomiting.	2008		Anesthesia And Analgesia	Chen, Chien-Chuan; Lin, Chia-Shiang; Ko, Yuan-Pi; Hung, Yu-Chun; Lao, Hsuan-Chih; Hsu, Yung-Wei		Y		42
18165562	Can remifentanil replace nitrous oxide during anesthesia for ambulatory orthopedic surgery with desflurane and fentanyl?	2008		Anesthesia And Analgesia	Mathews, Donald M; Gaba, Vijay; Zaku, Bledi; Neuman, George G		Y		17

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18165544	Anesthesia matters: statistical anomaly or new paradigm?	2008	Anesthesia And Analgesia	Shafer, Steven L; Nekhendzy, Vladimir			Y		9
18154896	Opioid use in palliative care of children and young people with cancer.	2008	The Journal Of Pediatrics	Hewitt, Martin; Goldman, Ann; Collins, Gary S; Childs, Margaret; Hain, Richard			Y		32
18154888	Pain still lords over children.	2008	The Journal Of Pediatrics	Baker, Justin N; Anhelescu, Doralina L; Kane, Javier R					5
18154845	An unusual case of a swallowed thermometer perforated in the mediastinum.	2008	The Annals Of Thoracic Surgery	Sakellaridis, Timothy; Potaris, Konstantinos; Mallios, Dimitrios; Sepsas, Evangelos			Y		0
18090443	Persistent hiccup associated with intrathecal morphine infusion pump therapy.	2007	American Journal Of Physical Medicine & Rehabilitation	Ruan, Xiuli; Couch, John Patrick; Shah, Rinoo; Wang, Frank; Liu, Hai Nan	Y				8
18090170	Relieving suffering or intentionally hastening death: where do you draw the line?	2008	Critical Care Medicine	Sprung, Charles L; Ledoux, Didier; Bulow, Hans-Henrik; Lippert, Anne; Wennberg, Elisabet; Baras, Mario; Ricou, Barbara; Sjokvist, Peter; Wallis, Charles; Maia, Paulo; Thijss, Lambertus G; Solsona Duran, Jose					64
18090011	A fentanyl-based pain management protocol provides early analgesia for adult trauma patients.	2007	The Journal Of Trauma	Curtis, Kevin M; Henriques, Horace F; Fanciullo, Gilbert; Reynolds, Cecily M; Suber, Freeman			Y		26
18086982	Acute postoperative pain management using massage as an adjuvant therapy: a randomized trial.	2007	Archives Of Surgery (Chicago, Ill. : 1960)	Mitchinson, Alison R; Kim, Hyunjin Myra; Rosenberg, Jack M; Geisser, Michael; Kirsh, Marvin; Cikrit, Dolores; Hinshaw, Daniel B			Y		69
18086066	Peritonsillar infiltration with bupivacaine and pethidine for relief of post-tonsillectomy pain: a randomised double-blind study.	2008	Anaesthesia	Nikandish, R; Maghsoodi, B; Khaderi, S; Motazedian, S; Kaboodkhani, R			Y		Not found on Microsoft Academic
18080765	Predictive factors for clinical improvement with Enterra gastric electric stimulation treatment for refractory gastroparesis.	2008	Digestive Diseases And Sciences	Maranki, Jennifer L; Lytes, Vanessa; Meilahn, John E; Harbison, Sean; Friedenberg, Frank K; Fisher, Robert S; Parkman, Henry P	Y				94
18073556	Differential presynaptic effects of opioid agonists on Delta- and C-afferent glutamatergic transmission to the spinal dorsal horn.	2007	Anesthesiology	Ikoma, Miho; Kohno, Tatsuro; Baba, Hiroshi					Not found on Microsoft Academic
18073554	Dose-dependent effects of smoked cannabis on capsaicin-induced pain and hyperalgesia in healthy volunteers.	2007	Anesthesiology	Wallace, Mark; Schulteis, Gery; Atkinson, J Hampton; Wolfson, Tanya; Lazzaretto, Deborah; Bentley, Heather; Gouaux, Ben; Abramson, Ian					126
18070825	Thoracic paravertebral block for analgesia following liver mass radiofrequency ablation.	2008	The British Journal Of Radiology	Culp, W C; Payne, M N; Montgomery, M L			Y		10
18056743	Advice to use topical or oral ibuprofen for chronic knee pain in older people: randomised controlled trial and patient preference study.	2008	BMJ (Clinical Research Ed.)	Underwood, Martin; Ashby, Deborah; Cross, Pamela; Hennessy, Enid; Letley, Louise; Martin, Jeannett; Mt-Isa, Shahruh; Parsons, Suzanne; Vickers, Madge; Whyte, Ken					76
18056742	Influences on older people's decision making regarding choice of topical or oral NSAIDs for knee pain: qualitative study.	2008	BMJ (Clinical Research Ed.)	Carnes, Dawn; Anwer, Yasir; Underwood, Martin; Harding, Geoff; Parsons, Suzanne					44
18056490	Femoral nerve block for diaphyseal and distal femoral fractures in the emergency department.	2007	The Journal Of Bone And Joint Surgery. American Volume	Mutty, Christopher E; Jensen, Erik J; Manka, Michael A Jr; Anders, Mark J; Bone, Lawrence B			Y		45
18036981	Factors influencing the efficacy of virtual reality distraction analgesia during postburn physical therapy: preliminary results from 3 ongoing studies.	2007	Archives Of Physical Medicine And Rehabilitation	Sharar, Sam R; Carrougher, Gretchen J; Nakamura, Dana; Hoffman, Hunter G; Blough, David K; Patterson, David R					80
17937712	Pain management in developing countries.	2007	Anaesthesia	Size, M; Soyannwo, O A; Justins, D M			Y		49
18049059	Nurses' decisions about opioid dose.	2007	The American Journal Of Nursing	McCaffery, Margo; Pasero, Chris; Ferrell, Betty R			Y		23
18048446	Imaging of opioid receptors in the central nervous system.	2008	Brain : A Journal Of Neurology	Henriksen, Gjermund; Willoch, Frode			Y		119
18043070	Neurokinin-1 receptor antagonists inhibit the recruitment of opioid-containing leukocytes and impair peripheral antinociception.	2007	Anesthesiology	Rittner, Heike L; Lux, Christian; Labuz, Dominika; Mousa, Shaaban A; Schafer, Michael; Stein, Christoph; Brack, Alexander					30
18042900	The role of opioids in pain management.	2007	Anesthesia And Analgesia	Brennan, Frank; Carr, Daniel B; Cousins, Michael			Y		7
18042899	Extended release epidural morphine, far from ideal for postcesarean delivery pain control.	2007	Anesthesia And Analgesia	Roboubi, Babak			Y		1
18042892	Thoracic paravertebral block for breast cancer surgery: a randomized double-blind study.	2007	Anesthesia And Analgesia	Moller, Jytte F; Nikolajsen, Lone; Rodt, Svein Aage; Ronning, Hanne; Carlsson, Palle S			Y		79
18042887	A differential diagnosis of hyperalgesia, toxicity, and withdrawal from intrathecal morphine infusion.	2007	Anesthesia And Analgesia	Singla, Aneesh; Stojanovic, Milan P; Chen, Lucy; Mao, Jianren			Y		23
18042882	The analgesic effects of opioids and immersive virtual reality distraction: evidence from subjective and functional brain imaging assessments.	2007	Anesthesia And Analgesia	Hoffman, Hunter G; Richards, Todd L; Van Oostrom, Trevor; Coda, Barbara A; Jensen, Mark P; Blough, David K; Sharar, Sam R					78
18040004	Another possible cause of increased blood pressure in men older than 60 years who are taking medications to control musculoskeletal pain.	2007	Archives Of Internal Medicine	Udell, Elliot			Y		1
18030306	Differential opioid action on sensory and affective cerebral pain processing.	2008	Clinical Pharmacology And Therapeutics	Oertel, B G; Preibisch, C; Wallenhorst, T; Hummel, T; Geisslinger, G; Lanfermann, H; Lotsch, J					83

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18022468	Preoperative diclofenac sodium and tramadol for pain relief after bimaxillary osteotomy.	2007	Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Tuzuner, Aysegul Mine; Uocok, Cahit; Kucukyavuz, Zuhal; Alkis, Neslihan; Alanoglu, Zekeriyya		Y		25
17991273	Codeine and tramadol analgesic efficacy and respiratory effects are influenced by CYP2D6 genotype.	2007	Anaesthesia	Stamer, U M; Stuber, F		Y		23
17991261	The use of patient-controlled epidural fentanyl in elderly patients.	2007	Anaesthesia	Ishiyama, T; Iijima, T; Sugawara, T; Shibuya, K; Sato, H; Terada, Y; Ichikawa, M; Sessier, D I; Matsukawa, T				1
17991260	Pre-operative analgesia with rectal diclofenac and/or paracetamol in children undergoing inguinal hernia repair.	2007	Anaesthesia	Riad, W; Moussa, A		Y		21
17989129	Improving state pain policies: recent progress and continuing opportunities.	2007	CA: A Cancer Journal For Clinicians	Gilson, Aaron M; Joranson, David E; Maurer, Martha A				36
17984737	The effect of aminophylline on renal colic: a randomized double blind controlled trial.	2007	Southern Medical Journal	Djaladat, Hooman; Tajik, Parvin; Fard, Salman Abbasi; Alehashemi, Sara		Y		8
17980179	Randomized trial comparing 3 methods of postoperative analgesia in gynecology patients: patient-controlled intravenous, scheduled intravenous, and scheduled subcutaneous.	2007	American Journal Of Obstetrics And Gynecology	Bell, Jeffrey G; Shaffer, Lynn E T; Schrickel-Feller, Trista				12
17975673	Therapeutic manipulation of peroxynitrite attenuates the development of opiate-induced antinociceptive tolerance in mice.	2007	The Journal Of Clinical Investigation	Muscoli, Carolina; Cuzzocrea, Salvatore; Ndengle, Michael M; Mollace, Vincenzo; Porreca, Frank; Fabrizi, Francesca; Esposito, Emanuel; Masini, Emanuel; Matuschak, George M; Salvemini, Daniela				101
17975665	When it comes to opiates, just say NO.	2007	The Journal Of Clinical Investigation	Pasternak, Gavril W		Y		27
17974941	Prescription OxyContin abuse among patients entering addiction treatment.	2007	The American Journal Of Psychiatry	Carise, Deni; Dugosh, Karen Leggett; McLellan, A Thomas; Camilleri, Amy; Woody, George E; Lynch, Kevin G		Y		81
17960669	The emotional state of the patient after total hip and knee arthroplasty.	2007	Clinical Orthopaedics And Related Research	Dorr, Lawrence D; Chao, Lisa		Y		58
17960007	Small-dose epidural morphine.	2007	Anesthesia And Analgesia	Mayhew, James F		Y		0
17959989	Recovery profiles of general anesthesia and spinal anesthesia for chemotherapeutic perfusion with circulatory block (stop-flow perfusion).	2007	Anesthesia And Analgesia	Carron, Michele; Freo, Ulderico; Innocente, Federico; Veronese, Stefano; Pilati, Pierluigi; Jevtic-Todorovic, Vesna; Ori, Carlo		Y		1
17959982	An evaluation of the efficacy of gabapentin for prevention of catheter-related bladder discomfort: a prospective, randomized, placebo-controlled, double-blind study.	2007	Anesthesia And Analgesia	Agarwal, Anil; Dhiraaj, Sanjay; Pawar, Sandeep; Kapoor, Rakesh; Gupta, Devendra; Singh, Prabhat K		Y		46
17959981	A randomized, placebo-controlled trial of preoperative oral pregabalin for postoperative pain relief after minor gynecological surgery.	2007	Anesthesia And Analgesia	Paech, Michael J; Goy, Raymond; Chu, Sebastian; Scott, Karen; Christmas, Tracey; Doherty, Dorota A				102
17959980	Assessing cognitive and psychomotor performance under long-term treatment with transdermal buprenorphine in chronic noncancer pain patients.	2007	Anesthesia And Analgesia	Dagtekin, Oguzhan; Gerbershagen, Hans J; Wagner, Werner; Petzke, Frank; Radbruch, Lukas; Sabatowski, Rainer				35
17959979	System-related events and analgesic gaps during postoperative pain management with the fentanyl iontophoretic transdermal system and morphine intravenous patient-controlled analgesia.	2007	Anesthesia And Analgesia	Panchal, Sunil J; Damaraju, C V; Nelson, Winnie W; Hewitt, David J; Schein, Jeff R				43
17959978	The safety and efficacy of fentanyl iontophoretic transdermal system compared with morphine intravenous patient-controlled analgesia for postoperative pain management: an analysis of pooled data from three randomized, active-controlled clinical studies.	2007	Anesthesia And Analgesia	Viscusi, Eugene R; Siccardi, Matthew; Damaraju, C V; Hewitt, David J; Kershaw, Paul		Y		43
17959974	Intrathecal opioids for control of chronic low back pain during deep brain stimulation procedures.	2007	Anesthesia And Analgesia	Lotto, Michelle; Boulis, Nicholas M		Y		3
17959953	The clinical impact of preoperative melatonin on postoperative outcomes in patients undergoing abdominal hysterectomy.	2007	Anesthesia And Analgesia	Caumo, Wolnei; Torres, Fernanda; Moreira, Nivio L Jr; Auzani, Jorge A S; Monteiro, Cristiano A; Londero, Gustavo; Ribeiro, Diego F M; Hidalgo, Maria Paz L				75
17959952	Intraoperative esmolol infusion in the absence of opioids spares postoperative fentanyl in patients undergoing ambulatory laparoscopic cholecystectomy.	2007	Anesthesia And Analgesia	Collard, Vincent; Mistraletti, Giovanni; Taqi, Ali; Asenjo, Juan Francisco; Feldman, Liane S; Fried, Gerald M; Carli, Franco				85
17959949	Continuous peripheral nerve blockade for inpatient and outpatient postoperative analgesia in children.	2007	Anesthesia And Analgesia	Ganesh, Arjunan; Rose, John B; Wells, Lawrence; Ganley, Theodore; Gurnaney, Harshad; Maxwell, Lynne G; DiMaggio, Theresa; Milovich, Karen; Scollon, Maureen; Feldman, Jeffrey M; Cucchiaro, Giovanni		Y		78
17956066	Opioid analgesia during evaluation of acute abdominal pain.	2007	American Family Physician	Kripke, Clarissa		Y		0
17954317	Effect of submucosal injection of dexamethasone on postoperative discomfort after third molar surgery: a prospective study.	2007	Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Grossi, Giovanni Battista; Maiorana, Carlo; Garamone, Rocco Alberto; Borgonovo, Andrea; Beretta, Mario; Farronato, Davide; Santoro, Franco		Y		89
17943062	Patient's page. Management of chronic pain.	2007	Southern Medical Journal	Allen, Betsy		Y		0

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					Y				
17943050	Management of chronic noncancer pain in the primary care setting.	2007	Southern Medical Journal	Nicholson, Bruce; Passik, Steven D	Y				51
17940207	Treatment and prevention of pain due to vaso-occlusive crises in adults with sickle cell disease: an educational void.	2008	Blood	Solomon, Lawrence R			Y	Not found on Microsoft Academic	
17938135	Primary care treatment of knee pain--a survey in older adults.	2007	Rheumatology (Oxford, England)	Porcheret, M; Jordan, K; Jinks, C; Croft, P			Y		81
17933627	Chillies: out of the frying pan and into the clinic?	2007	Lancet (London, England)				Y	Not found on Microsoft Academic	
17933616	The management of pain in children with life-limiting illnesses.	2007	Pediatric Clinics Of North America	Friedrichsdorf, Stefan J; Kang, Tammy I			Y		39
17916825	Africans die in pain because of fears of opiate addiction.	2007	BMJ (Clinical Research Ed.)	Logie, Dorothy; Leng, Mholra			Y		7
17909211	Medications for acute and chronic low back pain: a review of the evidence for an American Pain Society/American College of Physicians clinical practice guideline.	2007	Annals Of Internal Medicine	Chou, Roger; Huffman, Laurie Hoyt					371
17903498	Superior postoperative pain relief with thoracic epidural analgesia versus intravenous patient-controlled analgesia after minimally invasive pectus excavatum repair.	2007	The Journal Of Thoracic And Cardiovascular Surgery	Weber, Thomas; Matzi, Johanna; Rokitansky, Alexander; Klinscha, Walter; Neumann, Konrad; Deusch, Engelbert					59
17898703	Association of ABCB1/MDR1 and OPRM1 gene polymorphisms with morphine pain relief.	2008	Clinical Pharmacology And Therapeutics	Campa, D; Gioia, A; Tomei, A; Poli, P; Barale, R			Y		242
17898413	Pediatric low-dose intrathecal morphine may be different for each type of surgery.	2007	Anesthesia And Analgesia	Duman, Ates; Apiliogullari, Seza			Y		2
17898405	A prospective, randomized comparison between combined (deep and superficial) and superficial cervical plexus block with levobupivacaine for minimally invasive parathyroidectomy.	2007	Anesthesia And Analgesia	Pintaric, Tatjana Stopar; Hocevar, Marko; Jereb, Simona; Casati, Andrea; Novak Jankovic, Vesna			Y		20
17898404	Epidural tezampanel, an AMPA/kainate receptor antagonist, produces postoperative analgesia in rats.	2007	Anesthesia And Analgesia	Jin, Hee Cheol; Keller, Amber J; Jung, Jong Kwon; Subieta, Alberto; Brennan, Timothy J Lentschener, Claude; Tostivit, Patrice; White, Paul F; Gentili, Marc E; Ozier, Yves			Y		17
17898402	Opioid-induced sedation in the postanesthesia care unit does not insure adequate pain relief: a case-control study.	2007	Anesthesia And Analgesia	Koc, Serhat; Memis, Dilek; Sut, Necdet			Y		12
17898401	The preoperative use of gabapentin, dexamethasone, and their combination in varicocele surgery: a randomized controlled trial.	2007	Anesthesia And Analgesia				Y		49
17898398	A unique case of recurrent astylose secondary to paroxysmal pain of acute herpetic ophthalmicus.	2007	Anesthesia And Analgesia	Cheung, Man-Yiu; Viney, Melissa			Y		4
17898388	Discrepancies in medication entries between anesthetic and pharmacy records using electronic databases.	2007	Anesthesia And Analgesia	Vigoda, Michael M; Gencorelli, Frank J; Lubarsky, David A					24
17898379	Human peripheral blood mononuclear cells express nociceptin/orphanin FQ, but not mu, delta, or kappa opioid receptors.	2007	Anesthesia And Analgesia	Williams, John P; Thompson, Jonathan P; McDonald, John; Barnes, Timothy A; Cote, Tom; Rowbotham, David J; Lambert, David G Florie, Jasper; Birnie, Erwin; van Gelder, Rogier E; Jensch, Sebastiaan; Haberkorn, Brigitte; Bartelsman, Joep F; van der Sluis Veer, Annet; Snel, Pleun; van der Hulst, Victor P M; Bonsel, Gouke J; Bossuyt, Patrick M M; Stoker, Jaap					34
17885188	MR colonography with limited bowel preparation: patient acceptance compared with that of full-preparation colonoscopy.	2007	Radiology						30
17878889	Fentanyl buccal tablet (Fentora) for breakthrough pain.	2007	The Medical Letter On Drugs And Therapeutics				Y	Not found on Microsoft Academic	
17869294	Office based transurethral needle ablation of the prostate with analgesia and local anesthesia.	2007	The Journal Of Urology	Leocadio, Dean E; Frenkl, Tara L; Stein, Barry S			Y		6
17853625	Treatment options for insomnia.	2007	American Family Physician	Ramakrishnan, Kalyanakrishnan; Scheid, Dewey C			Y		81
17845650	Epidural infusion of levobupivacaine and sufentanil following thoracotomy.	2007	Anaesthesia	De Cosmo, G; Congedo, E; Mascia, A; Adducci, E; Lai, C; Aceto, P					8
17823218	Paracetamol (acetaminophen) pharmacodynamics: interpreting the plasma concentration.	2008	Archives Of Disease In Childhood	Gibb, I; Anderson, B J			Y		61
17805109	Intraoperative Sensorcaine significantly improves postoperative pain management in outpatient reduction mammoplasty.	2007	Plastic And Reconstructive Surgery	Culliford, Alfred T 4th; Spector, Jason A; Flores, Roberto L; Louie, Otway; Choi, Mihye; Karp, Nolan S			Y		10
17785497	Opioid treatment for chronic back pain and its association with addiction.	2007	Annals Of Internal Medicine	DuPont, Robert L; Graham, Noni A; Gold, Mark S			Y		5
17785496	Opioid treatment for chronic back pain and its association with addiction.	2007	Annals Of Internal Medicine	Noble, Meredith; Schoelles, Karen			Y		5
17766503	Routine immunization practices: use of topical anesthetics and oral analgesics.	2007	Pediatrics	Taddio, Anna; Manley, Jennifer; Potash, Leah; Ipp, Moshe; Sgro, Michael; Shah, Vibhuti					70
17761732	Characterization of rodent models of HIV-gp120 and anti-retroviral-associated neuropathic pain.	2007	Brain : A Journal Of Neurology	Wallace, Victoria C J; Blackbeard, Julie; Segardahl, Andrew R; Hasnje, Fauzia; Pheby, Timothy; McMahon, Stephen B; Rice, Andrew S C					114
17724284	Motor cortex stimulation for pain control induces changes in the endogenous opioid system.	2007	Neurology	Maarrawi, J; Peyron, R; Mertens, P; Costes, N; Magnin, M; Sindou, M; Laurent, B; Garcia-Larrea, L					170
17721251	Effects of butorphanol on morphine-induced itch and analgesia in primates.	2007	Anesthesiology	Lee, Heeseung; Naughton, Norah N; Woods, James H; Ko, Mei-Chuan			Y		43

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17721249	Continuous preperitoneal infusion of ropivacaine provides effective analgesia and accelerates recovery after colorectal surgery: a randomized, double-blind, placebo-controlled study.	2007	Anesthesiology	Beaussier, Marc; El'Ayoubi, Hanna; Schiffer, Eduardo; Rollin, Maxime; Parc, Yann; Mazoit, Jean-Xavier; Azizi, Louisa; Gervaz, Pascal; Rohr, Serge; Biermann, Celine; Lienhart, Andre; Eledjam, Jean-Jacques				Y	200
17717250	Obturator versus femoral nerve block for analgesia after total knee arthroplasty.	2007	Anesthesia And Analgesia	Kardash, Ken; Hickey, Don; Tessler, Michael J; Payne, Stacey; Zukor, David; Velly, Ana Miriam				Y	43
17717249	Ultrasound-guided interscalene needle placement produces successful anesthesia regardless of motor stimulation above or below 0.5 mA.	2007	Anesthesia And Analgesia	Sinha, Sanjay K; Abrams, Jonathan H; Weller, Robert S					50
17717245	Improving the analgesic efficacy of intrathecal morphine with parecoxib after total abdominal hysterectomy.	2007	Anesthesia And Analgesia	Niruthisard, Supraneel; Werawataganon, Thewarug; Bunburaphong, Pavena; Ussawanophakiat, Montson; Wongsa-kornchaikul, Chuthayuth; Toleb, Kusonsi					17
17717244	The evolution of primary hyperalgesia in orthopedic surgery: quantitative sensory testing and clinical evaluation before and after total knee arthroplasty.	2007	Anesthesia And Analgesia	Martinez, Valeria; Fletcher, Dominique; Bouhassira, Didier; Sessler, Daniel I; Chauvin, Marcel					95
17717242	The effect of analgesic technique on postoperative patient-reported outcomes including analgesia: a systematic review.	2007	Anesthesia And Analgesia	Liu, Spencer S; Wu, Christopher L				Y	209
17717237	Transdermal scopolamine for prevention of intrathecal morphine-induced nausea and vomiting after cesarean delivery.	2007	Anesthesia And Analgesia	Harnett, Miriam J P; O'Rourke, Nollag; Walsh, Mary; Carabuena, Jean Marie; Segal, Scott					34
17717236	Local anesthetics and mode of delivery: bupivacaine versus ropivacaine versus levobupivacaine.	2007	Anesthesia And Analgesia	Beilin, Yaakov; Guinn, Nicole R; Bernstein, Howard H; Zahn, Jeff; Hossain, Sabera; Bodian, Carol A				Y	52
17710002	Impairment and disability in the Astrodome after hurricane Katrina: lessons learned about the needs of the disabled after large population movements.	2007	American Journal Of Physical Medicine & Rehabilitation	Bloodworth, Donna Marie; Kevorkian, C George; Rumbaut, Edith; Chiu-Tan, Faye Y				Y	19
17707427	Which is better—retroperitoneoscopic or laparoscopic dismembered pyeloplasty in children?	2007	The Journal Of Urology	Canon, Stephen J; Jayanthi, Venkata R; Lowe, Gregory J				Y	33
17707048	Minimally invasive open renal surgery.	2007	The Journal Of Urology	Chacko, Job K; Koyle, Martin A; Mingin, Gerald C; Furness, Peter D 3rd				Y	18
17697218	A study of airway management using the ProSeal LMA laryngeal mask airway compared with the tracheal tube on postoperative analgesia requirements following gynaecological laparoscopic surgery.	2007	Anaesthesia	Hohlieder, M; Brimacombe, J; Eschertzhuber, S; Ulmer, H; Keller, C					25
17689623	Transdermal hormonal contraception: benefits and risks.	2007	American Journal Of Obstetrics And Gynecology	Burkman, Ronald T				Y	43
17676392	Effect of neurolytic celiac plexus block guided by computerized tomography on pancreatic cancer pain.	2008	Digestive Diseases And Sciences	Zhang, Chun-Lei; Zhang, Ting-Jie; Guo, Yu-Na; Yang, Li-Qiang; He, Ming-Wei; Shi, Jing-Zhe; Ni, Jia-Xiang				Y	29
17666624	ACOG Committee Opinion No. 376: Nalbuphine hydrochloride use for intrapartum analgesia.	2007	Obstetrics And Gynecology					Y	1
17666599	Intrapartum and postpartum analgesia for women maintained on methadone during pregnancy.	2007	Obstetrics And Gynecology	Meyer, Marjorie; Wagner, Katherine; Benvenuto, Anna; Plante, Dawn; Howard, Diantha				Y	48
17656294	Tramadol administered in a combination of routes for reducing pain after removal of an impacted mandibular third molar.	2007	Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Pozos, Amaury J; Martinez, Ricardo; Aguirre, Patricia; Perez, Jose				Y	19
17656293	A double-blind randomized controlled trial of rofecoxib and multidose oxycodone/acetaminophen in dental impaction pain.	2007	Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Desjardins, Paul J; Black, Peter M; Daniels, Stephen E; Bird, Steven R; Petruschke, Richard A; Chang, David J; Smugar, Steven S; Terskavoc, Andrew M				Y	10
17656271	The analgesic efficacy and safety of intra-articular morphine and mepivacaine following temporomandibular joint arthroplasty.	2007	Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Zuniga, John R; Ibanez, Carlos; Kozacko, Mark				Y	15
17646519	The duration of spinal anesthesia with 5% lidocaine in chronic opium abusers compared with nonabusers.	2007	Anesthesia And Analgesia	Vosoughian, Maryam; Dabbagh, Ali; Rajaei, Samira; Maftuh, Hassan					16
17646513	A comparison of three different concentrations of ropivacaine with fentanyl for patient-controlled epidural analgesia.	2007	Anesthesia And Analgesia	Iijima, Tetsuya; Ishiyama, Tadahiko; Kashimoto, Satoshi; Yamaguchi, Toshiaki; Andoh, Tomio; Hanawa, Kazumi; Tanzawa, Izumi; Kawata, Keisi; Hanawa, Takehisa; Hiejima, Yoshimitsu				Y	5
17646510	Adenosine as a non-opioid analgesic in the perioperative setting.	2007	Anesthesia And Analgesia	Gan, Tong J; Habib, Ashraf S					43
17646509	The prolonged postoperative analgesic effect when dexamethasone is added to a nonsteroidal antiinflammatory drug (rofecoxib) before breast surgery.	2007	Anesthesia And Analgesia	Hval, Kjetil; Thagaard, Kristin S; Schlichting, Ellen; Raeder, Johan					79
17646493	A double-blind, crossover assessment of the sedative and analgesic effects of intranasal dexmedetomidine.	2007	Anesthesia And Analgesia	Yuen, Vivian M; Irwin, Michael G; Hui, Theresa W; Yuen, Man K; Lee, Libby H Y				Y	95

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17644821	The anti-allergic drug, N-(3',4'-dimethoxycinnamonyl) anthranilic acid, exhibits potent anti-inflammatory and analgesic properties in arthritis.	2007	Rheumatology (Oxford, England)	Inglis, J J; Criado, G; Andrews, M; Feldmann, M; Williams, R O; Selley, M L				44
17640542	Management of non-ST-Segment Elevation Myocardial Infarction.	2007	The Medical Clinics Of North America	Van Horn, Stephen E Jr; Maniu, Calin V		Y		3
17636179	Short-term outcome of painful bone marrow oedema of the knee following oral treatment with iloprost or tramadol: results of an exploratory phase II study of 41 patients.	2007	Rheumatology (Oxford, England)	Mayerhofer, M E; Kramer, J; Breitenseher, M J; Norden, C; Vakil-Adli, A; Hofmann, S; Meizer, R; Siedentop, H; Landsiedl, F; Aigner, N				25
17632361	An evaluation of epidural analgesia following circumferential belt lipectomy.	2007	Plastic And Reconstructive Surgery	Michaud, Andre-Paul; Rosenquist, Richard W; Cram, Albert E; Aly, Al S; Halebian, George E; Sur, Roger L; Albala, David M; Preminger, Glenn M		Y		9
17632138	Subcutaneous bupivacaine infiltration and postoperative pain perception after percutaneous nephrolithotomy.	2007	The Journal Of Urology			Y		35
17629986	Minimally invasive operative management for lumbar spinal stenosis: overview of early and long-term outcomes.	2007	The Orthopedic Clinics Of North America	Asgarzadie, Farbod; Khoo, Larry T		Y		60
17556986	Therapeutic options for neuropathic pain.	2007	The Journal Of Trauma	King, John C		Y		2
17617339	Kindness kills: the negative impact of pain as the fifth vital sign.	2007	Journal Of The American College Of Surgeons	Lucas, Charles E; Vlahos, Angie L; Ledgerwood, Anna M				67
17615146	Orphanin FQ: evidence for a role in the control of the reproductive neuroendocrine system.	2007	Endocrinology	Foradori, Chad D; Amstalden, Marcel; Coolen, Lique M; Singh, Sushma R; McManus, Christine J; Handa, Robert J; Goodman, Robert L; Lehman, Michael N				28
17606585	Do we need to incorporate pharmacogenetics in randomized, controlled trials of frequently used medicines?	2007	Pediatrics	van den Anker, John N		Y		3
17605834	Chasing the dragon in the ear.	2007	The Journal Of Laryngology And Otology	Nusrath, M A; Jaberoo, M; Daniel, M; Banerjee, A		Y		2
17597256	Efficacy and impact of intravenous morphine before surgical consultation in children with right lower quadrant pain suggestive of appendicitis: a randomized controlled trial.	2007	Annals Of Emergency Medicine	Bailey, Benoit; Bergeron, Sylvie; Gravel, Jocelyn; Bussieres, Jean-Francois; Bensoussan, Arie				35
17588706	Comparison of four pain scales in children with acute abdominal pain in a pediatric emergency department.	2007	Annals Of Emergency Medicine	Bailey, Benoit; Bergeron, Sylvie; Gravel, Jocelyn; Daoust, Raoul				53
17585231	Basic genetic statistics are necessary in studies of functional associations in anesthesiology.	2007	Anesthesiology	Lotsch, Jorn		Y		15
17579097	Current trends in the management of common painful conditions of preschool children in United States pediatric emergency departments.	2007	Clinical Pediatrics	Khan, Abu N G A; Sachdeva, Sunil		Y		7
17579000	Early termination penalty.	2007	Anesthesia And Analgesia	Wax, David		Y		0
17578983	The antipruritic and antiemetic effects of epidural droperidol: a study of three methods of administration.	2007	Anesthesia And Analgesia	Lee, In Ho; Lee, Il Ok		Y		2
17578982	Peripheral suppression of arthritic pain by intraarticular fadolmidine, an alpha 2-adrenoceptor agonist, in the rat.	2007	Anesthesia And Analgesia	Ansah, Osei B; Pertovaara, Antti				Not found on Microsoft Academic
17578981	Lung function after lobectomy: a randomized, double-blinded trial comparing thoracic epidural ropivacaine/sufentanil and intravenous morphine for patient-controlled analgesia.	2007	Anesthesia And Analgesia	Bauer, Christian; Hentz, Jean-Gustave; Ducrocq, Xavier; Meyer, Nicolas; Oswald-Mammosser, Monique; Steib, Annick; Dupeyron, Jean-Pierre				44
17578980	Postoperative intravenous morphine consumption, pain scores, and side effects with perioperative oral controlled-release oxycodone after lumbar discectomy.	2007	Anesthesia And Analgesia	Blumenthal, Stephan; Min, Kan; Marquardt, Michael; Borgeat, Alain		Y		55
17578978	Evaluating the analgesic efficacy of administering celecoxib as a component of multimodal analgesia for outpatient anterior cruciate ligament reconstruction surgery.	2007	Anesthesia And Analgesia	Reuben, Scott S; Ekman, Evan F; Charron, Derek				38
17578977	Pain management: a fundamental human right.	2007	Anesthesia And Analgesia	Brennan, Frank; Carr, Daniel B; Cousins, Michael				566
17578973	Single-dose, extended-release epidural morphine (DepoDur) compared to conventional epidural morphine for post Cesarean pain.	2007	Anesthesia And Analgesia	Carvalho, Brendan; Roland, Laura M; Chu, Larry F; Campitelli, Vincent A 3rd; Riley, Edward T				50
17578959	Morphine in postoperative patients: pharmacokinetics and pharmacodynamics of metabolites.	2007	Anesthesia And Analgesia	Mazoit, Jean Xavier; Butscher, Karin; Samii, Kamran				73
17578944	Improving pain management: are we jumping from the frying pan into the fire?	2007	Anesthesia And Analgesia	White, Paul F; Kehlet, Henrik				54
17578942	Legal and ethical perspectives on pain management.	2007	Anesthesia And Analgesia	Johnson, Sandra H		Y		6
17578941	The World Health Organization paves the way for action to free people from the shackles of pain.	2007	Anesthesia And Analgesia	Scholten, Willem; Nygren-Krug, Helena; Zucker, Howard A		Y		26
17577495	Pre-emptive analgesic effect of tramadol after mandibular third molar extraction: a pilot study.	2007	Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Pozos-Guillen, Amaury; Martinez-Rider, Ricardo; Aguirre-Baruelos, Patricia; Perez-Urizar, Jose				35
17574091	Choice of opioid analgesics in postoperative care.	2007	Lancet (London, England)	Maxwell, Simon Rj; Bateman, D Nicholas		Y		2
17568402	Enhanced buprenorphine analgesia with the addition of ultra-low-dose naloxone in healthy subjects.	2008	Clinical Pharmacology And Therapeutics	La Vincente, S F; White, J M; Somogyi, A A; Bochner, F; Chapleo, C B	Y			28
17567342	Subcutaneous naloxone for the prevention of intrathecal morphine induced pruritus in elective Caesarean delivery.	2007	Anaesthesia	Lockington, P F; Fa'aea, P		Y		19
17567341	Extending low-dose epidural analgesia in labour for emergency Caesarean section - a comparison of levobupivacaine with or without fentanyl.	2007	Anaesthesia	Malhotra, S; Yentis, S M		Y		23

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17566399	Scheduled oral analgesics and the need for opiates in children following partial dorsal rhizotomy.	2007	Journal Of Neurosurgery	Tubbs, R Shane; Law, Charles; Davis, Drew; Shoja, Mohammadali M; Acakpo-Satchivi, Leslie; Wellons, John C 3rd; Blount, Jeffrey P; Oakes, W Jerry Hampton, Tracy			Y		7
17565072	Researchers probe nerve-blocking pain treatment for wounded soldiers.	2007	JAMA	Kincaid, M Sean; Lam, Arthur M			Y		5
17564193	Pain and the craniotomy.	2007	Journal Of Neurosurgery	Hasselhaar, Jeroen G J; Reuzel, Rob P B; Verhagen, Stans C A H V M; de Graeff, Alexander; Vissers, Kris C P; Crul, Ben J P Wong, Man-chun; Chung, Joanne W Y; Wong, Thomas K S			Y		1
17563025	Improving prescription in palliative sedation: compliance with dutch guidelines.	2007	Archives Of Internal Medicine	Wareham, David W; Breuer, Judith Reuben, Scott S; Buvanendran, Asokumar			Y		45
17562735	Effects of treatments for symptoms of painful diabetic neuropathy systematic review.	2007	BMJ (Clinical Research Ed.)	Fakata, Keri L; Cole, B Elliot			Y		142
17556477	Herpes zoster.	2007	BMJ (Clinical Research Ed.)	Book, Sarah W; Myrick, Hugh; Malcolm, Robert; Strain, Eric C			Y		Not found on Microsoft Academic
17545440	Preventing the development of chronic pain after orthopaedic surgery with preventive multimodal analgesic techniques.	2007	The Journal Of Bone And Joint Surgery. American Volume	Weinstein, James N; Lurie, Jon D; Tosteson, Tor D; Hanscom, Brett; Tosteson, Anna N A; Blood, Emily A; Birkmeier, Nancy J O; Hilibrand, Alan S; Herkowitz, Harry; Cammisa, Frank P; Albert, Todd J; Emery, Sanford E; Lenke, Lawrence G; Abdu, William A; Longley, Michael; Errico, Thomas J; Hu, Serena S			Y		101
17543252	Peripheral opioid antagonists: a therapeutic advance for optimizing opioid gastrointestinal tolerability.	2007	The Journal Of Family Practice	Wareham, David W; Breuer, Judith			Y		6
17541066	Buprenorphine for postoperative pain following general surgery in a buprenorphine-maintained patient.	2007	The American Journal Of Psychiatry	Reuben, Scott S; Buvanendran, Asokumar			Y		20
17538085	Surgical versus nonsurgical treatment for lumbar degenerative spondylolisthesis.	2007	The New England Journal Of Medicine	Book, Sarah W; Myrick, Hugh; Malcolm, Robert; Strain, Eric C			Y		481
17530644	Amelioration of pain and histopathologic joint abnormalities in the Col1-IL1- $\beta$ ta(XAT) mouse model of arthritis by intraarticular induction of mu-opioid receptor into the temporomandibular joint.	2007	Arthritis And Rheumatism	Wareham, David W; Breuer, Judith			Y		Not found on Microsoft Academic
17525602	Naloxone-insensitive epidural placebo analgesia in a chronic pain patient.	2007	Anesthesiology	Kupers, Ron; Maeyert, Jan; Boly, Melanie; Faymonville, Marie-Elisabeth; Laureys, Steven			Y		14
17525598	Postoperative analgesic effects of continuous wound infiltration with diclofenac after elective cesarean delivery.	2007	Anesthesiology	Lavand'homme, Patricia M; Roelants, Fabienne; Waterloos, Hilde; De Cock, Marc F			Y		107
17519730	Sedation analgesia during office-based plastic surgery procedures: comparison of two opioid regimens.	2007	Plastic And Reconstructive Surgery	Cinnella, Gilda; Meola, Salvatore; Portincasa, Aurelio; Parisi, Domenico; Morgese, Francesco; Pavone, Giovanna; Dambrusio, Michele			Y		13
17517247	The effect of CYP2D6 polymorphisms on the response to pain treatment for pediatric sickle cell pain crisis.	2007	The Journal Of Pediatrics	Brousseau, David C; McCarver, D Gail; Drendel, Amy L; Divakaran, Karthika; Panepinto, Julie A			Y		40
17515482	Misinterpretation of the fifth vital sign.	2007	Archives Of Surgery (Chicago, Ill. : 1960-1960)	Kozol, Robert A; Voytovich, Anthony			Y		11
17514701	Meta-analysis of epidural analgesia versus parenteral opioid analgesia after colorectal surgery.	2007	The British Journal Of Surgery	Marret, E; Remy, C; Bonnet, F			Y		219
17513684	Use of remifentanil for labor analgesia: the good and the bad.	2007	Anesthesia And Analgesia	Waring, Joel; Mahboobi, Sohail K; Tyagaraj, Kalpana; Eddi, David Verdolin, Michael H; Stedje-Larsen, Eric T; Hickey, Anita H			Y		18
17513657	Ten consecutive cases of complex regional pain syndrome of less than 12 months duration in active duty United States military personnel treated with spinal cord stimulation.	2007	Anesthesia And Analgesia	Tippana, Elina M; Hamunen, Katri; Kontinen, Vesa K; Kalso, Eija			Y		15
17513656	Do surgical patients benefit from perioperative gabapentin/pregabalin? A systematic review of efficacy and safety.	2007	Anesthesia And Analgesia	Aouad, Marie T; Siddik-Sayyid, Sahar M; Al-Alami, Achir A; Baraka, Anis S			Y		338
17513655	Multimodal analgesia to prevent propofol-induced pain: pretreatment with remifentanil and lidocaine versus remifentanil or lidocaine alone.	2007	Anesthesia And Analgesia	Martinez, Valeria; Belbachir, Anissa; Jaber, Aithem; Cherif, Kamel; Jamal, Adel; Ozier, Yves; Sessler, Daniel I; Chauvin, Marcel; Fletcher, Dominique			Y		23
17513652	The influence of timing of administration on the analgesic efficacy of parecoxib in orthopedic surgery.	2007	Anesthesia And Analgesia	Allen, Jeffrey W; Hofer, Katrin; McCumber, Damon; Wagstaff, John D; Layer, Richard T; McCabe, R Tyler; Yaksh, Tony L			Y		27
17513650	An assessment of the antinociceptive efficacy of intrathecal and epidural citalukalin-G in rats and dogs.	2007	Anesthesia And Analgesia	Rudin, Asa; Lundberg, Johan F; Hammarlund-Udena, Margareta; Flisberg, Per; Werner, Mads U			Y		34
17513633	Morphine metabolism after major liver surgery.	2007	Anesthesia And Analgesia	Singler, Boris; Troster, Andreas; Manering, Neil; Schuttler, Jurgen; Koppert, Wolfgang Tramer, Martin R; Glynn, Chris J			Y		19
17513631	Modulation of remifentanil-induced postinfusion hyperalgesia by propofol.	2007	Anesthesia And Analgesia	Tramer, Martin R; Glynn, Chris J			Y		74
17513629	An evaluation of a single dose of magnesium to supplement analgesia after ambulatory surgery: randomized controlled trial.	2007	Anesthesia And Analgesia				Y		35

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17513626	A comparison of single-dose caudal clonidine, morphine, or hydromorphone combined with ropivacaine in pediatric patients undergoing ureteral reimplantation.	2007	Anesthesia And Analgesia	Vetter, Thomas R; Carvallo, Daniel; Johnson, Jodie L; Mazurek, Michael S; Presson, Robert G Jr		Y		33
17509348	Initial experience with laparoscopic ipsilateral ureteroureterostomy in infants and children for duplication anomalies of the urinary tract.	2007	The Journal Of Urology	Gonzalez, Ricardo; Piaggio, Lisandro		Y		36
17508526	Tramadol relieves neuropathic pain.	2007	American Family Physician	Ebell, Mark		Y		1
17506736	Bilateral intra-oral, infra-orbital nerve block for postoperative analgesia following cleft lip repair in paediatric patients: comparison of bupivacaine vs bupivacaine-pethidine combination.	2007	Anaesthesia	Jonnativithula, N; Durga, P; Kulkarni, D K; Ramachandran, G		Y		18
17506732	Comparison of the analgesic efficacy and respiratory effects of morphine, tramadol and codeine after craniotomy.	2007	Anaesthesia	Sudheer, P S; Logan, S W; Terblanche, C; Ateleanu, B; Hall, J E		Y		47
17505495	The DEA's Balancing Act to Ensure Public Health and Safety.	2007	Clinical Pharmacology And Therapeutics	Rannazzisi, J T		Y		1
17488953	Scientists probe ways to curb opioid abuse without hindering pain treatment.	2007	JAMA	Kuehn, Bridget M		Y		7
17481536	Operative management of chronic pancreatitis: longterm results in 372 patients.	2007	Journal Of The American College Of Surgeons	Schnelldorfer, Thomas; Lewin, David N; Adams, David B		Y		65
17476596	Remifentanil compared with midazolam and pethidine sedation during colonoscopy: a prospective, randomized study.	2008	Digestive Diseases And Sciences	Manolaraki, Maria M; Theodoropoulou, Angeliki; Stroumpou, Charalampos; Vardas, Emmanouil; Oustamanolakis, Pantelis; Gritzali, Aliki; Chlouverakis, Gregoris; Paspatis, Gregorios A		Y		21
17466725	The role of the Back Rx exercise program in diskogenic low back pain: a prospective randomized trial.	2007	Archives Of Physical Medicine And Rehabilitation	Vad, Vijay B; Bhat, Atul L; Tarabichi, Yasir		Y		14
17466654	Changes in barometric pressure and ambient temperature influence osteoarthritis pain.	2007	The American Journal Of Medicine	McAlindon, Tim; Formica, Margaret; Schmid, Christopher H; Fletcher, Jeremiah				58
17457137	Patient-requested neuraxial analgesia for labor: impact on rates of cesarean and instrumental vaginal delivery.	2007	Anesthesiology	Marucci, Massimo; Cinnella, Gilda; Perchiuzzi, Gaetano; Brienza, Nicola; Fiore, Tommaso		Y		50
17457131	A prospective, randomized comparison between ultrasound and nerve stimulation guidance for multiple injection axillary brachial plexus block.	2007	Anesthesiology	Casati, Andrea; Danelli, Giorgio; Bacarelli, Marco; Corradi, Maurizio; Leone, Stefania; Di Cianni, Simone; Fanelli, Guido		Y		233
17456679	Epidural clonidine for postoperative pain after total knee arthroplasty: a dose-response study.	2007	Anesthesia And Analgesia	Huang, Yuan-Shiou; Lin, Liu-Chi; Huh, Billy K; Sheen, Michael J; Yeh, Chun-Chang; Wong, Chih-Shung; Wu, Ching-Tang				21
17456651	Postoperative ketorolac tromethamine use in infants aged 6-18 months: the effect on morphine usage, safety assessment, and stereo-specific pharmacokinetics.	2007	Anesthesia And Analgesia	Lynn, Anne M; Bradford, Heidi; Kantor, Eric D; Seng, Kok-Yong; Salinger, David H; Chen, James; Ellenbogen, Richard G; Vicini, Paolo; Anderson, Gail D				31
17452666	Fundamental problem with opioid trials for chronic pain.	2007	CMAJ : Canadian Medical Association Journal (Journal De L'Association Medcale Canadienne)	Menta, Tushar		Y		1
17452275	Intranasal fentanyl for acute pain: techniques to enhance efficacy.	2007	Annals Of Emergency Medicine	Wolfe, Tim		Y		4
17448802	Morphine kills the pain, not the patient.	2007	Lancet (London, England)	Sykes, Nigel P		Y		19
17448054	The optimal dose of remifentanil for intubation during sevoflurane induction without neuromuscular blockade in children.	2007	Anaesthesia	Min, S K; Kwak, Y L; Park, S Y; Kim, J S; Kim, J Y	Y			35
17446578	Regulation of opioid prescribing.	2007	BMJ (Clinical Research Ed.)	Ballantyne, Jane C		Y		9
17445949	Oligoanalgesia in the emergency department: short-term beneficial effects of an education program on acute pain.	2007	Annals Of Emergency Medicine	Decosterd, Isabelle; Hugli, Olivier; Tamches, Emmanuel; Blanc, Catherine; Mouhsine, Elyazid; Givel, Jean-Claude; Yersin, Bertrand; Buczin, Thierry				77
17440146	A 60-year-old woman considering acupuncture for knee pain.	2007	JAMA	Berman, Brian				15
17436082	Prokinetic effects of a new ghrelin receptor agonist T2P-101 in a rat model of postoperative ileus.	2007	Digestive Diseases And Sciences	Venkova, Kalina; Fraser, Graeme; Hoveyda, Hamid R; Greenwood-Van Meerveld, Beverley				57
17427612	Are opioids effective in the treatment of neuropathic pain?	2007	American Family Physician	Guirguis-Blake, Janelle; Kelly, Christina		Y		7
17413923	Practice guidelines for obstetric anesthesia: an updated report by the American Society of Anesthesiologists Task Force on Obstetric Anesthesia.	2007	Anesthesiology					333
17413915	Fascia iliaca compartment blockade for acute pain control in hip fracture patients: a randomized, placebo-controlled trial.	2007	Anesthesiology	Foss, Nicolai B; Kristensen, Billy B; Bundgaard, Morten; Bak, Mikkel; Herring, Christian; Virkeyst, Christina; Hougaard, Sine; Kehlet, Henrik				135
17413908	Identification of sensory blockade by somatosensory and pain-induced evoked potentials.	2007	Anesthesiology	Schmidt, Gunter N; Scharein, Eckehard; Siegel, Markus; Muller, Jakob; Debener, Stefan; Nitschke, Rainer; Engel, Andreas; Bischoff, Petra				21

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17413906	Current practices in sedation and analgesia for mechanically ventilated critically ill patients: a prospective multicenter patient-based study.	2007	Anesthesiology	Payen, Jean-Francois; Chanques, Gerald; Mantz, Jean; Hercule, Christiane; Auriant, Igor; Leguillou, Jean-Luc; Binhas, Michele; Genty, Celine; Rolland, Carole; Bosson, Jean-Luc					364
17410701	Prospective evaluation of pain and analgesic use following major elective intracranial surgery.	2007	Journal Of Neurosurgery	Gottschalk, Allan; Berkow, Lauren C; Stevens, Robert D; Mirski, Marek; Thompson, Richard E; White, Elizabeth D; Weingart, Jon D; Long, Donlin M; Yaster, Myron					80
17403400	Effect of laxatives on gastrointestinal functional recovery in fast-track hysterectomy: a double-blind, placebo-controlled randomized study.	2007	American Journal Of Obstetrics And Gynecology	Hansen, Charlotte T; Sorensen, Mette; Moller, Charlotte; Ottesen, Bent; Kehlet, Henrik					45
17394063	An instrument to predict endoscopy tolerance: a prospective randomized study.	2007	Digestive Diseases And Sciences	Pena, Luis R; Mardini, Houssam; Nickl, Nicholas					1
17382220	Postoperative ileus-related morbidity profile in patients treated with alvimopan after bowel resection.	2007	Journal Of The American College Of Surgeons	Wolff, Bruce G; Weese, James L; Ludwig, Kirk A; Delaney, Conor P; Stamos, Michael J; Micheliassi, Fabrizio; Du, Wei; Techner, Lee					56
17377917	Longitudinal evaluation of the oral mucositis weekly questionnaire-head and neck cancer, a patient-reported outcomes questionnaire.	2007	Cancer	Epstein, Joel B; Beaumont, Jennifer L; Gwede, Clement K; Murphy, Barbara; Garden, Adam S; Meredith, Ruby; Le, Quynh-Thu; Brizel, David; Isitt, John; Celli, David			Y		66
17377120	The effect of intravenous administration of dexamethasone on postoperative pain, nausea, and vomiting after intrathecal injection of meperidine.	2007	Anesthesia And Analgesia	Movafegh, Ali; Soroursh, Ahmad Reza; Navi, Ali; Sadeghi, Mustafa; Esfahani, Fatimah; Akbarian-Tefaghi, Niloufar			Y		15
17377114	Spinal anesthesia with lidocaine or preservative-free 2-chlorprocaine for outpatient knee arthroscopy: a prospective, randomized, double-blind comparison.	2007	Anesthesia And Analgesia	Casati, Andrea; Fanelli, Guido; Danelli, Giorgio; Berti, Marco; Ghisi, Daniela; Brivio, Matteo; Putzu, Marta; Barbagallo, Alessia					59
17377112	Increased tumor necrosis factor-alpha and prostaglandin E2 concentrations in the cerebrospinal fluid of rats with inflammatory hyperalgesia: the effects of analgesic drugs.	2007	Anesthesia And Analgesia	Bianchi, Mauro; Martucci, Cataldo; Ferrario, Paolo; Franchi, Silvia; Sacerdote, Paola			Y		49
17377109	The local antinociceptive actions of nonsteroidal antiinflammatory drugs in the mouse radiant heat tail-flick test.	2007	Anesthesia And Analgesia	Dogrul, Ahmet; Gulmez, S Ezgi; Deveci, M Salih; Gul, Husamettin; Ossipov, Michael H; Porreca, Frank; Tulunay, F Cankat			Y		21
17377106	The addition of a small-dose ketamine infusion to tramadol for postoperative analgesia: a double-blinded, placebo-controlled, randomized trial after abdominal surgery.	2007	Anesthesia And Analgesia	Webb, Ashley R; Skinner, Bradley S; Leong, Samuel; Kolawole, Helen; Crofts, Tyrion; Taverner, Murray; Burn, Sara J			Y		31
17361124	Concentrations of tramadol and O-desmethyltramadol enantiomers in different CYP2D6 genotypes.	2007	Clinical Pharmacology And Therapeutics	Stamer, U M; Musshoff, F; Kobayashi, M; Madea, B; Hoef, A; Stuben, F					162
17350437	Clinical update: postoperative analgesia.	2007	Lancet (London, England)	Myles, Paul S; Power, Ian					55
17339873	Pharmacogenetics of opioids.	2007	Clinical Pharmacology And Therapeutics	Somogyi, Andrew A; Barratt, Daniel T; Coller, Janet K					250
17339870	Safety and pharmacokinetics of paracetamol following intravenous administration of 5 g during the first 24 h with a 2-g starting dose.	2007	Clinical Pharmacology And Therapeutics	Gregoire, N; Hovsepian, L; Gualano, V; Evene, E; Dufour, G; Gendron, A					49
17332198	A randomized, controlled trial of acetaminophen, ibuprofen, and codeine for acute pain relief in children with musculoskeletal trauma.	2007	Pediatrics	Clark, Eric; Plint, Amy C; Correll, Rhonda; Gaboury, Isabelle; Passi, Brett					123
17330696	Oxycodone accumulation in a hemodialysis patient.	2007	Southern Medical Journal	Foral, Pamela A; Ineck, Joseph R; Nystrom, Kelly K		Y			20
17329989	Prosecution of physicians for prescribing opioids to patients.	2007	Clinical Pharmacology And Therapeutics	Reidenberg, M M; Willis, O					34
17325516	Characterization of the antinociceptive and pronociceptive effects of methadone in rats.	2007	Anesthesiology	Holtzman, Joseph R Jr; Wala, Elizbeta P					27
17325515	Gabapentin activates spinal noradrenergic activity in rats and humans and reduces hypersensitivity after surgery.	2007	Anesthesiology	Hayashida, Ken-Ichiro; DeGees, Sophia; Curry, Regina; Eisenach, James C			Y		116
17325514	Imaging human cerebral pain modulation by dose-dependent opioid analgesia: a positron emission tomography activation study using remifentanil.	2007	Anesthesiology	Wagner, Klaus J; Sprenger, Till; Kochs, Eberhard F; Tolle, Thomas R; Valet, Michael; Willoch, Frode					63
17325501	Postoperative impairment of cognitive function in rats: a possible role for cytokine-mediated inflammation in the hippocampus.	2007	Anesthesiology	Wan, Yanjie; Xu, Jing; Ma, Daqing; Zeng, Yining; Cibelli, Mario; Maze, Mervyn			Y		255
17324772	A double-blinded, prospective randomized controlled trial of intraperitoneal bupivacaine in laparoscopic Roux-en-Y gastric bypass.	2007	Journal Of The American College Of Surgeons	Symons, Jamie L; Kemmeter, Paul R; Davis, Alan T; Foote, James A; Baker, Randal S; Bettendorf, Matthew J; Paulson, Jayne E					21
17321841	Industrial medicine and acute musculoskeletal rehabilitation. 2. Medications for the treatment of acute musculoskeletal pain.	2007	Archives Of Physical Medicine And Rehabilitation	Sullivan, William J; Panagos, Andre; Foye, Patrick M; Sable, Aaron W; Irwin, Robert W; Zuhosky, Joseph P			Y		7
17321835	The complications of scar formation associated with intrathecal pump placement.	2007	Archives Of Physical Medicine And Rehabilitation	Protopapas, Marina G; Bundock, Elizabeth; Westmoreland, Susan; Nero, Christopher; Graham, W Andrew; Nesathurai, Shanker			Y		7
17321286	Interventional approaches to pain management.	2007	The Medical Clinics Of North America	Markman, John D; Philip, Annie			Y		24
17321285	Intrathecal analgesia.	2007	The Medical Clinics Of North America	Cohen, Steven P; Dragovich, Anthony					Not found on Microsoft Academic

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17321282	Documentation and potential tools in long-term opioid therapy for pain.	2007	The Medical Clinics Of North America	Smith, Howard S; Kirsh, Kenneth L			Y		13
17321281	Opioid tolerance and hyperalgesia.	2007	The Medical Clinics Of North America	Chang, Grace; Chen, Lucy; Mao, Jianren			Y		152
17321280	Opioids for persistent noncancer pain.	2007	The Medical Clinics Of North America	McClean, Gary; Smith, Howard S			Y		18
17320530	Stapled hemorrhoidopexy height as outcome indicator.	2007	American Journal Of Surgery	Williams, R; Kondylis, L; Geisler, D; Kondylis, P			Y		17
17312513	Efficacy of a local anesthetic pain pump in abdominoplasty.	2007	Plastic And Reconstructive Surgery	Bray, David A Jr; Nguyen, John; Craig, Jason; Cohen, Benjamin E; Collins, Donald R Jr			Y		24
17312235	Bilateral ilioinguinal nerve block decreases morphine consumption in female patients undergoing nonlaparoscopic gynecologic surgery.	2007	Anesthesia And Analgesia	Oriola, Fabienne; Toque, Yannick; Mary, Anne; Gagneur, Odile; Beloucif, Sadek; Dupont, Herve					25
17312229	Prophylactic [corrected] granisetron does not prevent postdelivery nausea and vomiting during elective cesarean delivery under spinal anesthesia.	2007	Anesthesia And Analgesia	Balki, Minalini; Kasodekar, Shilpa; Dhumne, Sudhir; Carvalho, Jose C A			Y	Not found on Microsoft Academic	
17312228	A comparison of a basal infusion with automated mandatory boluses in parturient-controlled epidural analgesia during labor.	2007	Anesthesia And Analgesia	Sia, Alex T; Lim, Yvonne; Ocampo, Cecilia			Y		64
17312207	Intrathecal anesthesia for elderly patients undergoing short transurethral procedures: a dose-finding study.	2007	Anesthesia And Analgesia	Zohar, Edna; Noga, Yossi; Rislick, Uri; Leibovitch, Ilan; Fredman, Brian			Y		13
17284695	Opiates and acute abdominal pain.	2007	JAMA	Radzik, Daniele; Bua, Jenny; Marchetti, Federico			Y		2
17276548	Comparison of oral prednisolone/paracetamol and oral indomethacin/paracetamol combination therapy in the treatment of acute goutlike arthritis: a double-blind, randomized, controlled trial.	2007	Annals Of Emergency Medicine	Man, Chi Yin; Cheung, Ian T F; Cameron, Peter A; Rainer, Timothy H			Y		116
17270526	Postherpetic neuralgia involving the right C5 dermatome treated with a cervical foraminal epidural steroid injection: a case report.	2007	Archives Of Physical Medicine And Rehabilitation	Shakir, Ali; Kimbrough, Dale A; Mehta, Bina			Y		14
17270115	Use of opioids.	2007	The Journal Of Family Practice	Stanos, Steven			Y		5
17270113	Adjuvant analgesics for the treatment of neuropathic pain: evaluating efficacy and safety profiles.	2007	The Journal Of Family Practice	Forde, Grace					17
17265512	Transdermal fentanyl in patients with osteoarthritis: comment on the article by Langford et al.	2007	Arthritis And Rheumatism	Bannwarth, Bernard			Y		0
17264726	Opioid self-administration in the nerve-injured rat: relevance of antiallodynic effects to drug consumption and effects of intrathecal analgesics.	2007	Anesthesiology	Martin, Thomas J; Kim, Susy A; Buechler, Nancy L; Porreca, Frank; Eisenach, James C			Y		70
17264712	Opioid self-administration: a better way to evaluate analgesics in animal models?	2007	Anesthesiology	Clark, J David			Y		0
17255610	Is killing the pain worth the risk?	2007	BMJ (Clinical Research Ed.)	Coombes, Rebecca			Y		4
17251777	PAIN Control: IV opioid range orders for acute pain management.	2007	The American Journal Of Nursing	Pasero, Chris; Manworren, Renee C B; McCaffery, Margo			Y		20
17242088	Low and moderate remifentanil infusion rates do not alter target-controlled infusion propofol concentrations necessary to maintain anesthesia as assessed by bispectral index monitoring.	2007	Anesthesia And Analgesia	Wang, Lars P; McLoughlin, Peter; Paech, Michael J; Kurowski, Irina; Brandon, Emma L			Y		25
17242082	Static magnetic therapy does not decrease pain or opioid requirements: a randomized double-blind trial.	2007	Anesthesia And Analgesia	Cepeda, M Soledad; Carr, Daniel B; Sarquis, Tony; Miranda, Nelcy; Garcia, Ricardo J; Zarate, Camilo					26
17242079	Low-dose intrathecal morphine for postoperative analgesia in children.	2007	Anesthesia And Analgesia	Ganesh, Arjunan; Kim, Andrew; Casale, Pasquale; Cucchiaro, Giovanni			Y		31
17240224	Clinical efficacy and differential inhibition of menstrual fluid prostaglandin F2alpha in a randomized, double-blind, crossover treatment with placebo, acetaminophen, and ibuprofen in primary dysmenorrhea.	2007	American Journal Of Obstetrics And Gynecology	Dawood, M Yusoff; Khan-Dawood, Firyal S				Not found on Microsoft Academic	
17227967	Opioid prescriptions soar: increase in legitimate use as well as abuse.	2007	JAMA	Kuehn, Bridget M			Y	Not found on Microsoft Academic	
17227935	Systematic review: opioid treatment for chronic back pain: prevalence, efficacy, and association with addiction.	2007	Annals Of Internal Medicine	Martell, Bridget A; O'Connor, Patrick G; Kerns, Robert D; Becker, William C; Morales, Knashawn H; Kosten, Thomas R; Fiellin, David A			Y		547
17224599	Auricular acupuncture for pain relief after ambulatory knee surgery: a randomized trial.	2007	CMAJ : Canadian Medical Association Journal (Journal De L'Association Medcale Canadienne)	Usichenko, Taras I; Kuchling, Sven; Witstruck, Torsten; Pavlovic, Dragan; Zach, Maria; Hofer, Andre; Merk, Harry; Lehmann, Christian; Wendt, Michael					60
17210208	A randomized controlled trial comparing a fascia iliaca compartment nerve block to a traditional systemic analgesic for femur fractures in a pediatric emergency department.	2007	Annals Of Emergency Medicine	Watson, Joe E; Gao, Dexiang; Merritt, Glenn; Georgopoulos, Gaia; Battan, F Keith					63
17210206	A prospective evaluation of shortened course oral N-acetylcysteine for the treatment of acute acetaminophen poisoning.	2007	Annals Of Emergency Medicine	Betten, David P; Cantrell, F Lee; Thomas, Stephen C; Williams, Saralyn R; Clark, Richard F			Y		44

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17197857	Determination of the full dose-response relation of intrathecal bupivacaine, levobupivacaine, and ropivacaine, combined with sufentanil, for labor analgesia.	2007	Anesthesiology	Van de Velde, Marc; Dreeelinck, Rebekka; Dubois, Jasperina; Kumar, Ariane; Deprest, Jan; Lewi, Liesbeth; Vandermeersch, Eugene			55
17197840	Intravenous lidocaine infusion facilitates acute rehabilitation after laparoscopic colectomy.	2007	Anesthesiology	Kaba, Abdourahamane; Laurent, Stanislas R; Detroz, Bernard J; Sessler, Daniel I; Durieux, Marcel E; Lamy, Maurice L; Joris, Jean L			260
17197583	Laparoscopic occlusion compared with embolization of uterine vessels: a randomized controlled trial.	2007	Obstetrics And Gynecology	Hald, Kirsten; Klow, Nils-Einar; Qvigstad, Erik; Istre, Olav	Y		49
17195420	Opioids for chronic nonterminal pain.	2006	Southern Medical Journal	Ballantyne, Jane C	Y		49
17190897	End-of-life care for homeless patients: "she says she is there to help me in any situation".	2006	JAMA	Kushel, Margot B; Miaskowski, Christine			33
17186000	The partial 5-hydroxytryptamine1A receptor agonist buspirone does not antagonize morphine-induced respiratory depression in humans.	2007	Clinical Pharmacology And Therapeutics	Oertel, B G; Schneider, A; Rohrbacher, M; Schmidt, H; Tegeder, I; Geisslinger, G; Lotsch, J			29
17179898	Oral oxymorphone (Opana).	2007	The Medical Letter On Drugs And Therapeutics		Y	Not found on Microsoft Academic	
17179306	Painful pemphigus vulgaris.	2007	Anesthesia And Analgesia	Rashid, Rashid M; Ibrahim, Shariq; Patel, Vikram	Y		2
17179269	The analgesic efficacy of transversus abdominis plane block after abdominal surgery: a prospective randomized controlled trial.	2007	Anesthesia And Analgesia	McDonnell, John G; O'Donnell, Brian; Curley, Gerard; Heffernan, Anne; Power, Camillus; Laffey, John G			452
17179251	Premedication with gabapentin: the effect on tourniquet pain and quality of intravenous regional anesthesia.	2007	Anesthesia And Analgesia	Turan, Alparslan; White, Paul F; Karamanlioglu, Beyhan; Pamukcu, Zafer			31
17168339	Opioids for management of breakthrough pain in cancer patients.	2006	American Family Physician	Potter, Michael B	Y		4
17167764	Safety and efficacy of repeat administration of samarium Sm-153 lexidronam to patients with metastatic bone pain.	2007	Cancer	Sartor, Oliver; Reid, Robert H; Bushnell, David L; Quick, Donald P; Ell, Peter J			86
17164107	Adjuvant analgesics.	2007	The Medical Clinics Of North America	Knotkova, Helena; Pappagallo, Marco	Y	Not found on Microsoft Academic	
17164106	Nonopiod analgesics.	2007	The Medical Clinics Of North America	Munir, Muhammad A; Enany, Nasr; Zhang, Jun-Ming	Y	Not found on Microsoft Academic	
17164100	Pathophysiology of pain.	2007	The Medical Clinics Of North America	Vanderah, Todd W	Y		49
17151178	Comments on "prescription drug dependence and evolving beliefs about chronic pain management".	2006	The American Journal Of Psychiatry	Fishbain, David A; Gallagher, Rollin M	Y		3
17142830	Nerve growth factor governs the enhanced ability of opioids to suppress inflammatory pain.	2007	Brain : A Journal Of Neurology	Mousa, Shaaban A; Cheppudira, Bopaiah P; Shaqua, Mohammed; Fischer, Oliver; Hofmann, Julia; Hellweg, Rainer; Schafer, Michael			84
17142533	Adolescents' motivations to abuse prescription medications.	2006	Pediatrics	Boyd, Carol J; McCabe, Sean Esteban; Cranford, James A; Young, Amy	Y		192
17142410	Continuous infusion of local anesthetic at iliac crest bone-graft sites for postoperative pain relief. A randomized, double-blind study.	2006	The Journal Of Bone And Joint Surgery. American Volume	Morgan, Steven J; Jeray, Kyle J; Saliman, Laurel H; Miller, Howard J; Williams, Allison E; Tanner, Stephanie L; Smith, Wade R; Broderick, J Scott	Y		40
17141648	Monoparesis with complex regional pain syndrome-like symptoms due to brachial plexopathy caused by the varicella zoster virus: a case report.	2006	Archives Of Physical Medicine And Rehabilitation	Eyigor, Sibel; Durmaz, Berrin; Karapolat, Hale	Y		14
17122299	Respiratory depression caused by remifentanil infusion for postoperative pain control.	2006	Anesthesia And Analgesia	Koo, Bon N; Choi, Seung H; Chun, Duk H; Kil, Hae K; Kim, Ki J; Min, Kyeong T; Lee, Sung J	Y		9
17122240	Continuous femoral nerve analgesia after unilateral total knee arthroplasty: stimulating versus nonstimulating catheters.	2006	Anesthesia And Analgesia	Hayek, Salim M; Ritchey, R Michael; Sessler, Daniel; Helfand, Robert; Samuel, Samuel; Xu, Meng; Beven, Michael; Bourdakos, Demetrios; Barsoum, Wael; Brooks, Peter	Y		33
17122235	The effect of a lidocaine test dose on analgesia and mobility after an epidural combination of neostigmine and sufentanil in early labor.	2006	Anesthesia And Analgesia	Roelants, Fabienne; Mercier-Fuzier, Valerie; Lavand'homme, Patricia M			7
17119141	Surgical vs nonoperative treatment for lumbar disk herniation: the Spine Patient Outcomes Research Trial (SPORT) observational cohort.	2006	JAMA	Weinstein, James N; Lurie, Jon D; Tosteson, Tor D; Skinner, Jonathan S; Hanscom, Brett; Tosteson, Anna N A; Herkowitz, Harry; Fischgrund, Jeffrey; Cammisa, Frank P; Albert, Todd; Deyo, Richard A			459
17119140	Surgical vs nonoperative treatment for lumbar disk herniation: the Spine Patient Outcomes Research Trial (SPORT): a randomized trial.	2006	JAMA	Weinstein, James N; Tosteson, Tor D; Lurie, Jon D; Tosteson, Anna N A; Hanscom, Brett; Skinner, Jonathan S; Abdu, William A; Hilibrand, Alan S; Boden, Scott D; Deyo, Richard A			663
17113683	Tramadol/acetaminophen or hydrocodone/acetaminophen for the treatment of ankle sprain: a randomized, placebo-controlled trial.	2007	Annals Of Emergency Medicine	Hewitt, David J; Todd, Knox H; Xiang, Jim; Jordan, Donna M; Rosenthal, Norman R			19
17090244	Accidental intracerebroventricular injection of anaesthetic drugs during induction of general anaesthesia.	2006	Anaesthesia	Tiefenthaler, W; Tschupik, K; Hohlrieder, M; Eisner, W; Benzer, A	Y		4

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17087429	Management of common opioid-induced adverse effects.	2006	American Family Physician	Swegle, John M; Logemann, Craig		Y		165
17080248	Low-dose naltrexone for the treatment of irritable bowel syndrome: a pilot study.	2006	Digestive Diseases And Sciences	Kariv, Revital; Tiomny, Elisa; Grenshon, Roman; Dekel, Roy; Waisman, Galit; Ringel, Yehuda; Halpern, Zamir				15
17079628	Implementation and case-study results of potentially better practices to improve pain management of neonates.	2006	Pediatrics	Dunbar, Alston E 3rd; Sharek, Paul J; Mickas, Nick A; Coker, Kara L; Duncan, Jill; McLendon, Debra; Pagano, Claire; Puthoff, Teresa D; Reynolds, Natalie L; Powers, Richard J; Johnston, C Celeste		Y		27
17079627	Evaluation and development of potentially better practices to improve pain management of neonates.	2006	Pediatrics	Sharek, Paul J; Powers, Richard; Koehn, Amy; Anand, Kanwaljeet J S		Y		50
17079415	Evaluation of a single-dose, extended-release epidural morphine formulation for pain after knee arthroplasty.	2006	The Journal Of Bone And Joint Surgery. American Volume	Boezaart, Andre P				53
17074961	Addiction versus dependence in pain management.	2006	The American Journal Of Psychiatry	Strelitzer, Jon; Sullivan, C R; Johnson, Brian	Y			5
17074548	Pain from copper intrauterine device insertion: randomized trial of prophylactic ibuprofen.	2006	American Journal Of Obstetrics And Gynecology	Hubacher, David; Reyes, Veronica; Lillo, Sonia; Zepeda, Ana; Chen, Pai-Lien; Croxatto, Horacio		Y		126
17067720	A randomized controlled trial comparing intranasal fentanyl to intravenous morphine for managing acute pain in children in the emergency department.	2007	Annals Of Emergency Medicine	Borland, Meredith; Jacobs, Ian; King, Barbara; O'Brien, Debra				183
17065897	Modulation of remifentanil-induced analgesia and postinfusion hyperalgesia by parecoxib in humans.	2006	Anesthesiology	Troster, Andreas; Stitt, Ruth; Singler, Boris; Schmelz, Martin; Schuttler, Jurgen; Koppert, Wolfgang				95
17065895	Ambulatory continuous interscalene nerve blocks decrease the time to discharge readiness after total shoulder arthroplasty: a randomized, triple-masked, placebo-controlled study.	2006	Anesthesiology	Ilfeld, Brian M; Vandenneborn, Krista; Duncan, Pamela W; Sessler, Daniel I; Enneking, F Kayser, Shuster, Jonathan J; Theriaque, Douglas W; Chmielewski, Terese L; Spadoni, Eugene H; Wright, Thomas W				131
17060567	A randomized controlled trial of duloxetine in diabetic peripheral neuropathic pain.	2006	Neurology	Wernicke, J F; Pritchett, Y L; D'Souza, D N; Waninger, A; Tran, P; Iyengar, S; Raskin, J				358
17060538	Association between mental health disorders, problem drug use, and regular prescription opioid use.	2006	Archives Of Internal Medicine	Sullivan, Mark D; Edlund, Mark J; Zhang, Lily; Utzinger, Jurgen; Wells, Kenneth B				223
17059616	Effectiveness of local anaesthesia (clonidine and fentanyl) infiltration for post-submucosal resection pain relief: a randomized, double-blinded clinical trial.	2007	The Journal Of Laryngology And Otology	Naja, M Z; El-Rajab, M; Kabalan, W; Itani, M T; Kharma, K; Al Tannir, M A; Ziade, M F		Y		3
17057075	Painful metastases involving bone: percutaneous image-guided cryoablation—prospective trial interim analysis.	2006	Radiology	Callstrom, Matthew R; Atwell, Thomas D; Charboneau, J William; Farrell, Michael A; Goetz, Matthew P; Rubin, Joseph; Sloan, Jeff A; Novotny, Paul J; Welch, Timothy J; Maus, Timothy P; Wong, Gilbert Y; Brown, Kathy J				159
17056975	Postoperative analgesia after major spine surgery: patient-controlled epidural analgesia versus patient-controlled intravenous analgesia.	2006	Anesthesia And Analgesia	Schenk, Michael R; Putzier, Michael; Kugler, Bjoern; Tohrt, Stephan; Voigt, Kristina; Schink, Tania; Kox, Wolfgang J; Spies, Claudia; Volk, Thomas				51
17056971	A pain model after gynecologic surgery: the effect of intrathecal and systemic morphine.	2006	Anesthesia And Analgesia	Tong, Chuanyao; Conklin, Dawn; Eisenach, James C				11
17056969	A single preoperative dose of gabapentin (800 milligrams) does not augment postoperative analgesia in patients given interscalene brachial plexus blocks for arthroscopic shoulder surgery.	2006	Anesthesia And Analgesia	Adam, Frederic; Menigaux, Christophe; Sessler, Daniel I; Chauvin, Marcel				59
17056968	The analgesic efficacy of celecoxib, pregabalin, and their combination for spinal fusion surgery.	2006	Anesthesia And Analgesia	Reuben, Scott S; Buvanendran, Asokumar; Kroin, Jeffrey S; Raghunathan, Karthik		Y		109
17056961	A comparison between scalp nerve block and morphine for transitional analgesia after remifentanil-based anesthesia in neurosurgery.	2006	Anesthesia And Analgesia	Ayoub, Christian; Girard, Francois; Boudreault, Daniel; Chouinard, Philippe; Ruel, Monique; Mourdjian, Robert				38
17056949	The effects of dexmedetomidine/remifentanil and midazolam/remifentanil on auditory-evoked potentials and electroencephalogram at light-to-moderate sedation levels in healthy subjects.	2006	Anesthesia And Analgesia	Haenggi, Matthias; Ypparila, Heidi; Hauser, Kathrin; Caviezel, Claudio; Korhonen, Ilkka; Takala, Jukka; Jakob, Stephan M				21
17052581	Comparison of a bolus of fentanyl with an infusion of alfentanil during target-controlled propofol infusion in third molar extraction under conscious sedation.	2006	Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Kwak, Hyun J; Kim, Ji Y; Kwak, Young L; Park, Won S; Lee, Kyung C		Y		14
17052565	Randomized controlled noninferiority trial to compare extended release acetaminophen and ibuprofen for the treatment of ankle sprains.	2006	Annals Of Emergency Medicine	Dalton, James D Jr; Schweinle, Jo Ellen				35
17042843	The role of magnesium as an adjuvant during general anaesthesia.	2006	Anaesthesia	Gupta, K; Vohra, V; Sood, J	Y			35
17032990	Do opiates affect the clinical evaluation of patients with acute abdominal pain?	2006	JAMA	Ranji, Sumanth R; Goldman, L Elizabeth; Simel, David L; Shojania, Kaveh G		Y		72
17031312	Multimodal analgesia without routine parenteral narcotics for total hip arthroplasty.	2006	Clinical Orthopaedics And Related Research	Maheshwari, Aditya Vikram; Boutary, Myriam; Yun, Andrew G; Sirianni, Leigh Ellen; Dorr, Lawrence D		Y		36

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17030842	Morphine is not a sedative and does not shorten life.	2006	Archives Of Internal Medicine	Kompanje, Erwin J O; van Zuylen, Lia; van der Rijt, C C D Karin Verma-Gandhu, Monica; Verdu, Elena F; Bercik, Premysl; Blennerhassett, Patricia A; Al-Mutawaly, Nafia; Ghia, Jean-Eric; Collins, Stephen M			Y		4
17018864	Visceral pain perception is determined by the duration of colitis and associated neuropeptide expression in the mouse.	2007	Gut						62
17014812	Sensory nerve injury after uterosacral ligament suspension.	2006	American Journal Of Obstetrics And Gynecology	Flynn, Michael K; Weidner, Alison C; Amundsen, Cindy L			Y		32
17009113	Fentanyl or tramadol, with midazolam, for outpatient colonoscopy: analgesia, sedation, and safety.	2006	Digestive Diseases And Sciences	Hirsch, Irina; Vaissier, Alexander; Chemin, Josef; Segol, Ori; Pizov, Reuven					14
17006081	Severe toxic damage to the rabbit spinal cord after intrathecal administration of preservative-free S(+)-ketamine.	2006	Anesthesiology	Vranken, Jan H; Troost, Dirk; de Haan, Peter; Pennings, Fritz A; van der Vegt, Marinus H; Dijkgraaf, Marcel G W; Hollmann, Markus W					60
17006080	Antinociception by spinal and systemic oxycodone: why does the route make a difference? In vitro and in vivo studies in rats.	2006	Anesthesiology	Lemberg, Kim K; Kontinen, Vesa K; Siiskonen, Antti O; Viljakka, Kaarin M; Yli-Kauhaluoma, Jari T; Korpi, Esa R; Kalso, Eija A					59
17006078	Postoperative analgesia after radical retropubic prostatectomy: a double-blind comparison between low thoracic epidural and patient-controlled intravenous analgesia.	2006	Anesthesiology	Gupta, Anil; Fant, Federica; Axelsson, Kjell; Sandblom, Dag; Rykowsky, Jan; Johansson, Jan-Erik; Andersson, Swen-Olof					39
17006076	Supraspinal anesthesia: behavioral and electroencephalographic effects of intracerebroventricularly infused pentobarbital, propofol, fentanyl, and midazolam.	2006	Anesthesiology	Jugovac, Izabela; Imas, Olga; Hudetz, Anthony G			Y		24
17006062	Recurrent hypoxemia in children is associated with increased analgesic sensitivity to opiates.	2006	Anesthesiology	Brown, Karen A; Laferriere, Andre; Lakheeram, Indrani; Moss, Immanuel Rave					182
17000824	An analysis of postoperative epidural analgesia failure by computed tomography epidurography.	2006	Anesthesia And Analgesia	Motamed, Cyrus; Farhat, Fayezi; Remerand, Francis; Stephanazzi, Jean; Laplanche, Agnes; Jayr, Christian			Y		49
17000822	A genetic association study of the functional A118G polymorphism of the human mu-opioid receptor gene in patients with acute and chronic pain.	2006	Anesthesia And Analgesia	Janicki, Piotr K; Schuler, Gregg; Francis, David; Bohr, Angela; Gordin, Vitaly; Jarzemowski, Tomasz; Ruiz-Velasco, Victor; Mets, Berend					Not found on Microsoft Academic
17000821	The characteristics of intravenous adenosine-induced antinociception in a rabbit model of acute nociceptive pain: a comparative study with remifentanil.	2006	Anesthesia And Analgesia	Hayashida, Masakazu; Fukunaga, Atsuo; Fukuda, Ken-ichi; Sakurai, Satoru; Mamiya, Hideki; Ichinohe, Tatsuya; Kaneko, Yuzuru; Hanaoka, Kazuo			Y		6
17000819	The associations between severity of early postoperative pain, chronic postsurgical pain and plasma concentration of stable nitric oxide products after breast surgery.	2006	Anesthesia And Analgesia	Iohom, Gabriella; Abdalla, Abdalla, Hamza; O'Brien, James; Szarvas, Szilvia; Larney, Vivienne; Buckley, Elisabeth; Butler, Mark; Shorten, George Declan			Y		75
17000818	A comparison of intrathecal morphine/fentanyl and patient-controlled analgesia with patient-controlled analgesia alone for analgesia after liver resection.	2006	Anesthesia And Analgesia	Roy, Jean-Denis; Massicotte, Luc; Sasseine, Marie-Pascale; Seal, Robert F; Roy, Andre			Y		29
16997680	Etomide versus midazolam for procedural sedation in pediatric outpatients: a randomized controlled trial.	2006	Annals Of Emergency Medicine	Di Liddo, Lydia; D'Angelo, Antonio; Nguyen, Bao; Bailey, Benoit; Amre, Devendra; Stanciu, Constantin					41
16978739	Randomized double-blind placebo-controlled trial of two intravenous morphine dosages (0.10 mg/kg and 0.15 mg/kg) in emergency department patients with moderate to severe acute pain.	2007	Annals Of Emergency Medicine	Birnbaum, Adrienne; Esses, David; Bijur, Polly E; Holden, Lynne; Gallagher, E John			Y		52
16978305	Fentanyl and clonidine as adjunctive analgesics with levobupivacaine in paravertebral analgesia for breast surgery.	2006	Anaesthesia	Burlacu, C L; Frizelle, H P; Moriarty, D C; Buggy, D J			Y		41
16973981	Ampakines alleviate respiratory depression in rats.	2006	American Journal Of Respiratory And Critical Care Medicine	Ren, Jun; Poon, Betty Y; Tang, Yun; Funk, Gregory D; Greer, John J					64
16966390	A randomized comparison of nitrous oxide plus hematoma block versus ketamine plus midazolam for emergency department forearm fracture reduction in children.	2006	Pediatrics	Luhmann, Jan D; Schoolman, Mario; Luhmann, Scott J; Kennedy, Robert M			Y		61
16953530	Intravenous morphine plus ketorolac is superior to either drug alone for treatment of acute renal colic.	2006	Annals Of Emergency Medicine	Safdar, Basma; Degutis, Linda C; Landry, Keala; Vedere, Swarupa R; Moscovitz, Harry C; D'Onofrio, Gail					65
16953529	Randomized clinical trial of morphine in acute abdominal pain.	2006	Annals Of Emergency Medicine	Gallagher, E John; Esses, David; Lee, Conroy; Lahn, Michael; Bijur, Polly E			Y		63
16952635	Combination of oral tramadol, acetaminophen and 1% lidocaine induced periprostatic nerve block for pain control during transrectal ultrasound guided biopsy of the prostate: a prospective, randomized, controlled trial.	2006	The Journal Of Urology	Pendleton, John; Costa, Joseph; Wludyka, Peter; Carvin, Dolly M; Rosser, Charles J			Y		22
16952558	Endogenous opioids inhibit early-stage pancreatic pain in a mouse model of pancreatic cancer.	2006	Gastroenterology	Sevcik, Molly A; Jonas, Beth M; Lindsay, Theodore H; Halvorson, Kyle G; Ghilardi, Joseph R; Kuskowski, Michael A; Mukherjee, Pinku; Maggio, John E; Mantyh, Patrick W			Y		39
16943467	Continuous interscalene infusion and single injection using levobupivacaine for analgesia after surgery of the shoulder. A double-blind, randomised controlled trial.	2006	The Journal Of Bone And Joint Surgery. British Volume	Kean, J; Wigderowitz, C A; Coventry, D M			Y		47

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						Y	Not found on Microsoft Academic		
16934651	Overuse of over-the-counter analgesics by emergency department patients.	2006	Annals Of Emergency Medicine	Heard, Kennon; Sloss, David; Weber, Stewart; Dart, Richard C					26
16932231	Sedation in the mechanically ventilated patient.	2006	Critical Care Medicine	Kress, John P; Hall, Jesse B		Y			97
16931992	Enhancement of morphine analgesic effect with induction of mu-opioid receptor endocytosis in rats.	2006	Anesthesiology	Hashimoto, Tatsuya; Saito, Yoji; Yamada, Kazuo; Hara, Nobumasa; Kiriha, Yumiko; Tsuchiya, Mikako					
16931991	Effect of patient-controlled perineural analgesia on rehabilitation and pain after ambulatory orthopedic surgery: a multicenter randomized trial.	2006	Anesthesiology	Capdevila, Xavier; Dadure, Christophe; Bringuier, Sophie; Bernard, Nathalie; Biboulet, Philippe; Gaerther, Elisabeth; Macaire, Philippe		Y			129
16931989	Postoperative left prefrontal repetitive transcranial magnetic stimulation reduces patient-controlled analgesia use.	2006	Anesthesiology	Borckardt, Jeffrey J; Weinstein, Mitchel; Reeves, Scott T; Kozel, F Andrew; Nahas, Ziad; Smith, Arthur R; Byrne, T Karl; Morgan, Katherine; George, Mark S					65
16931694	The pharmacodynamics of ropivacaine and bupivacaine in combined sciatic and femoral nerve blocks for total knee arthroplasty.	2006	Anesthesia And Analgesia	Beaulieu, Pierre; Babin, Denis; Hemmerling, Thomas					23
16931691	The effects of morphine on human 5-HT3A receptors.	2006	Anesthesia And Analgesia	Wittmann, Maria; Peters, I; Schaaf, T; Wartenberg, H C; Wirz, S; Nadstawek, J; Urban, B W; Barann, M					15
16931689	The involvement of the nociceptin receptor in the antinociceptive action of nitrous oxide.	2006	Anesthesia And Analgesia	Himukashi, Shugaku; Takeshima, Hiroshi; Koyanagi, Sahoko; Shichino, Tsutomu; Fukuda, Kazuhiko		Y			8
16931686	Intermittent lumbar puncture in rats: a novel method for the experimental study of opioid tolerance.	2006	Anesthesia And Analgesia	Xu, Jijun J; Walla, Brittan C; Diaz, Miguel F; Fuller, Gregory N; Gutstein, Howard B		Y			45
16931685	The analgesic effects of capsaicin plaster at the Zusani point after abdominal hysterectomy.	2006	Anesthesia And Analgesia	Kim, Kyo S; Nam, Yu M					25
16931684	Preincisional paravertebral block reduces the prevalence of chronic pain after breast surgery.	2006	Anesthesia And Analgesia	Kairala, Pekka M; Bachmann, Martina S; Rosenberg, Per H; Pere, Pertti J		Y			173
16931678	Valdecoxib for postoperative pain management after cesarean delivery: a randomized, double-blind, placebo-controlled study.	2006	Anesthesia And Analgesia	Carvalho, Brendan; Chu, Larry; Fuller, Andrea; Cohen, Sheila E; Riley, Edward T					24
16924093	Meperidine use in older surgical patients.	2006	Archives Of Surgery (Chicago, Ill. : 1960)	Badruddoja, M		Y			1
16923925	Intravenous injection of pharmaceutical tablets presenting as multiple pulmonary nodules and declining pulmonary function in an adolescent with cystic fibrosis.	2006	Pediatrics	Smith, Kelly J; Elidemir, Okan; Dishop, Megan K; Eldin, Karen W; Tatevian, Nina; Moore, Robert H		Y			11
16922767	Acute pain management for opioid dependent patients.	2006	Anaesthesia	Mackenzie, J W		Y			105
16922749	The use of pre-operative intrathecal morphine for analgesia following coronary artery bypass surgery.	2006	Anaesthesia	Roediger, L; Joris, J; Senard, M; Larbuission, R; Canivet, J L; Lamy, M		Y			19
16916674	Postoperative nausea and vomiting (PONV) after orthognathic surgery: a retrospective study and literature review.	2006	Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Silva, Alessandro C; O'Ryan, Felice; Poor, David B		Y			67
16914695	Pilot clinical trial of gabapentin to decrease postoperative delirium in older patients.	2006	Neurology	Leung, J M; Sands, L P; Rico, M; Petersen, K L; Rowbotham, M C; Dahl, J B; Ames, C; Chou, D; Weinstein, P		Y			112
16912126	Effects of chronic osteoarthritis pain on neuroendocrine function in men.	2006	The Journal Of Clinical Endocrinology And Metabolism	Khoromi, Suzan; Muniyappa, Ranganathan; Nackers, Lisa; Gray, Nora; Baldwin, Howard; Wong, Kelli Anne; Matheny, Leigh Ann; Moquin, Barbara; Rainer, Alyia; Hill, Suvinol; Remaley, Alan; Johnson, Laura Lee; Max, Mitchell B; Blackman, Marc R		Y			20
16888761	Vinorelbine, doxorubicin, and prednisone in androgen-independent prostate cancer.	2006	Cancer	Borden, Lester S Jr; Clark, Peter E; Lovato, James; Hall, M Craig; Stindt, Diana; Harmon, Michele; M Mohler, Randi; Torti, Frank M					14
16882820	Preoperative anxiety, postoperative pain, and behavioral recovery in young children undergoing surgery.	2006	Pediatrics	Kain, Zeev N; Mayes, Linda C; Caldwell-Andrews, Alison A; Karas, David E; McClain, Brenda C		Y			297
16882790	Primary hyperparathyroidism mimicking vaso-occlusive crises in sickle cell disease.	2006	Pediatrics	Krishnamoorthy, Preetha; Alyaarabi, Saif; Abish, Sharon; Gale, Marie; Albuquerque, Pedro; Jabado, Nada					7
16871086	Long-term respiratory depression induced by intrathecal morphine treatment for chronic neuropathic pain.	2006	Anesthesiology	Scheners, Andrea; Kagel, Thomas; Zenz, Michael; Maier, Christoph		Y			14
16871068	Anesthesia and patients with congenital hypersensitivity to pain.	2006	Anesthesiology	Weingarten, Toby N; Sprung, Juraj; Ackerman, Joel D; Bojanic, Katarina; Watson, James C; Dyck, Peter J		Y			10
16871067	Human opioid receptor A118G polymorphism affects intravenous patient-controlled analgesia morphine consumption after total abdominal hysterectomy.	2006	Anesthesiology	Chou, Wen-Ying; Wang, Cheng-Haung; Liu, Ping-Hsin; Liu, Chien-Cheng; Tseng, Chia-Chih; Jawan, Bruno					228
16871060	Opioid-volatile anesthetic synergy: a response surface model with remifentanil and sevoflurane as prototypes.	2006	Anesthesiology	Manayam, Sandeep C; Gupta, Dhanesh K; Johnson, Ken B; White, Julia L; Pace, Nathan L; Westenskow, Dwayne R; Egan, Talmage D					76

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16871058	Postoperative infusion of amino acids induces a positive protein balance independently of the type of analgesia used.	2006		Anesthesiology	Donatelli, Francesco; Schriker, Thomas; Mistraletti, Giovanni; Asenjo, Francisco; Parrella, Piervirgilio; Wykes, Linda; Carli, Franco Landau, Ruth				18
16871054	One size does not fit all: genetic variability of mu-opioid receptor and postoperative morphine consumption.	2006		Anesthesiology			Y		Not found on Microsoft Academic
16867087	Propofol/remifentanil vs sevoflurane/remifentanil for long lasting surgical procedures: a randomised controlled trial.	2006		Anaesthesia	Hocker, J; Tonner, P H; Bollert, P; Paris, A; Scholz, J; Meier-Paika, C; Bein, B		Y		19
16867086	Bronchial mucus transport velocity in patients receiving anaesthesia with propofol and morphine or propofol and remifentanil.	2006		Anaesthesia	Ledowski, T; Hilmi, S; Paech, M J		Y		8
16863899	Comparison of two pain-management strategies during chest tube removal: relaxation exercise with opioids and opioids alone.	2006		Heart & Lung : The Journal Of Critical Care	Friesner, Stacy A; Curry, Donna Miles; Moddedman, Gail R		Y		53
16861418	A supraclinical dose of tramadol stereoselectively attenuates endothelium-dependent relaxation in isolated rat aorta.	2006		Anesthesia And Analgesia	Shin, Il-Woo; Sohn, Ju-Tae; Park, Kyeong-Eon; Chang, Ki Chul; Choi, Ju-Young; Lee, Heon-Keun; Chung, Young-Kyun				11
16861412	A comparison of epidural bupivacaine-fentanyl and bupivacaine-clonidine in children undergoing the Nuss procedure.	2006		Anesthesia And Analgesia	Cucchiaro, Giovanni; Adzick, Scott N; Rose, John B; Maxwell, Lynne; Watcha, Mehemoor		Y		28
16857467	Safety and efficacy of hydromorphone as an analgesic alternative to morphine in acute pain: a randomized clinical trial.	2006		Annals Of Emergency Medicine	Chang, Andrew K; Bijur, Polly E; Meyer, Robert H; Kenny, Mark K; Solarzano, Clemencia; Gallagher, E John		Y		62
16857466	Analgesia in acute abdominal pain: what's next?	2006		Annals Of Emergency Medicine	Knopp, Robert K; Dries, David		Y		7
16847014	Comparison of laparoscopic and mini incision open donor nephrectomy: single blind, randomised controlled clinical trial.	2006		BMJ (Clinical Research Ed.)	Kok, Niels F M; Lind, May Y; Hansson, Birgitta M E; Pilzecker, Desiree; Mertens zur Borg, Ingrid R A M; Knipscheer, Ben C; Hazebroek, Eric J; Dooper, Ine M; Weimar, Willem; Hop, Wim C J; Adang, Eddy M M; van der Wilt, Gert Jan; Bonjer, Hendrik J; van der Vliet, Jordaanus A; IJzermans, Jan N M				151
16836036	Management of hip fracture: the family physician's role.	2006		American Family Physician	Rao, Shobha S; Cherukuri, Manjula		Y		16
16836029	Meperidine to manage pain related to diverticular disease.	2006		American Family Physician	Adams, Stephen M		Y		0
16832088	Medication-overuse headache in patients with cluster headache.	2006		Neurology	Paemeleire, K; Bahra, A; Evers, S; Matharu, M S; Goadby, P J				101
16816248	Opiate treatment for patients in chronic non-cancer pain.	2006		The American Journal Of Psychiatry	Abramson, Ronald		Y		0
16815169	Continuous hydromorphone infusion for opioid intolerance.	2006		The Journal Of Allergy And Clinical Immunology	The Journal Of Allergy And Clinical Tcherekdjian, Haig; Gundling, Katherine		Y		4
16810002	Low-dose intravenous ketamine potentiates epidural analgesia after thoracotomy.	2006		Anesthesiology	Suzuki, Manzo; Haraguti, Syuji; Sugimoto, Kikuko; Kikutani, Takehiko; Shimada, Yoichi; Sakamoto, Atsuhiro				91
16798394	Reform of drug control policy for palliative care in Romania.	2006		Lancet (London, England)	Mosoiu, Daniela; Ryan, Karen M; Joranson, David E; Garthwaite, Judy P				29
16792611	The site of action of epidurally administered opioids and its relevance to postoperative pain management.	2006		Anaesthesia	George, M J		Y		30
16790664	The use of "off-label" drugs.	2006		Anesthesia And Analgesia	Broadman, Lynn M; Semenov, Igor		Y		1
16790656	The efficacy of the non-opioid analgesics parecoxib, paracetamol and metamizol for postoperative pain relief after lumbar microdiscectomy.	2006		Anesthesia And Analgesia	Grundmann, Ulrich; Wormle, Clemens; Biedler, Andreas; Kreuer, Sascha; Wrobel, Marc; Wilhelm, Wolfram		Y		87
16790650	Levodupivacaine-sufentanil with or without epinephrine during epidural labor analgesia.	2006		Anesthesia And Analgesia	Soetens, Filiep M; Soetens, Maurits A; Vercauteren, Marcel P		Y		11
16790646	Postoperative nausea and vomiting and pain after transphenoidal surgery: a review of 877 patients.	2006		Anesthesia And Analgesia	Flynn, Brigid C; Nemergut, Edward C		Y		20
16777897	Life without COX 2 inhibitors: opioids can be prescribed safely in osteoarthritis.	2006		BMJ (Clinical Research Ed.)	Reid, Colette M; Horwood, Jeremy		Y		0
16777855	Celecoxib compared with sustained-release paracetamol for osteoarthritis: a series of n-of-1 trials.	2007		Rheumatology (Oxford, England)	Yelland, M J; Nikles, C J; McNairn, N; Del Mar, C B; Schluter, P J; Brown, R M		Y		42
16770984	"Broken heart syndrome" after separation (from OxyContin).	2006		Mayo Clinic Proceedings	Rivera, Juanita M; Locketz, Adam J; Fritz, Kevin D; Horlocker, Terese T; Lewallen, David G; Prasad, Abhiram; Bresnahan, John F; Kinney, Michelle O		Y		29
16762636	Descending facilitation from the rostral ventromedial medulla maintains visceral pain in rats with experimental pancreatitis.	2006		Gastroenterology	Vera-Portocarrero, Louis P; Xie, Jennifer Y; Kowal, Justin; Ossipov, Michael H; King, Tamara; Porreca, Frank		Y		102
16757774	Efficacy and safety of steroid use for postoperative pain relief. Update and review of the medical literature.	2006		The Journal Of Bone And Joint Surgery. American Volume	Salerno, Angelo; Hermann, Robert		Y		144
16739192	Opioid usage among older adults with low back pain: comment on the article by Solomon et al.	2006		Arthritis And Rheumatism	Vogt, Molly T; Starz, Terence W; Kwoh, C Kent		Y		1
16732124	Better methods for meta-analysis available.	2006		Anesthesiology	Pace, Nathan L		Y		1
16732098	Parturition in the rat: a physiological pain model.	2006		Anesthesiology	Catheline, Gwenaelle; Touquet, Bastien; Besson, Jean-Marie; Lombard, Marie-Christine				14

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16732096	Basal heat pain thresholds predict opioid analgesia in patients with postherpetic neuralgia.	2006	Anesthesiology	Edwards, Robert R; Haythornthwaite, Jennifer A; Tella, Prabhav; Max, Mitchell B; Raja, Srinivasa		Y		99
16732086	Comparison of three disposable extraglottic airway devices in spontaneously breathing adults: the LMA-Unique, the Soft Seal laryngeal mask, and the Cobra perilyngeal airway.	2006	Anesthesiology	van Zundert, Andre; Al-Shaikh, Baha; Brimacombe, Joseph; Koster, Jurgen; Koning, Dick; Mortier, Eric P				35
16731125	Analgesic effect of electroacupuncture in postthoracotomy pain: a prospective randomized trial.	2006	The Annals Of Thoracic Surgery	Wong, Randolph H L; Lee, Tak Wai; Sihoe, Alan D L; Wan, Innes Y P; Ng, Calvin S H; Chan, Simon K C; Wong, William W L; Liang, Yuet Mei; Yim, Anthony P C		Y		63
16729276	Transdermal fentanyl for improvement of pain and functioning in osteoarthritis: a randomized, placebo-controlled trial.	2006	Arthritis And Rheumatism	Langford, Richard; McKenna, Frank; Ratcliffe, Stuart; Vojtassak, Jozef; Richarz, Ute				93
16719245	Carbamazepine for acute and chronic pain.	2006	American Family Physician	Buescher, Jennifer J		Y		2
16717327	Morphine-6-glucuronide: morphine's successor for postoperative pain relief?	2006	Anesthesia And Analgesia	van Dorp, Eveline L A; Romberg, Raymonda; Sarton, Elise; Bovill, James G; Dahan, Albert		Y		49
16717326	An evaluation of a polyamine-deficient diet for the treatment of inflammatory pain.	2006	Anesthesia And Analgesia	Estebe, Jean-Pierre Ch; Legay, Francois; Gentil, Marc; Wodey, Eric; Leduc, Christine; Ecoffey, Claude; Moulinoux, Jacques-Philippe		Y		13
16717324	Morphine, oxycodone, methadone and its enantiomers in different models of nociception in the rat.	2006	Anesthesia And Analgesia	Lemberg, Kim; Kontinen, Vesa K; Viljakka, Kaarin; Kylianlahti, Irene; Yli-Kauhaluoma, Jari; Kalso, Eija				46
16717306	Intraoperative administration of tramadol for postoperative nurse-controlled analgesia resulted in earlier awakening and less sedation than morphine in children after cardiac surgery.	2006	Anesthesia And Analgesia	Chu, Ya-Chun; Lin, Su-Man; Hsieh, Ying-Chou; Chan, Kwok-Hon; Tsou, Mei-Yung				21
16717305	Development of acute opioid tolerance during infusion of remifentanil for pediatric scoliosis surgery.	2006	Anesthesia And Analgesia	Crawford, Mark W; Hickey, Chantal; Zaarour, Christian; Howard, Andrew; Naser, Basem				121
16717269	Opioids for chronic noncancer pain: a meta-analysis of effectiveness and side effects.	2006	CMAJ : Canadian Medical Association Journal (Journal De L'Association Medcale Canadienne)	Furlan, Andrea D; Sandoval, Juan A; Mailis-Gagnon, Angela; Tunks, Eldon				588
16713811	Arthrocentesis for temporomandibular joint pain dysfunction syndrome.	2006	Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Brennan, Peter A; Ilankovan, Vellupillai		Y		33
16710906	Glucosamine and chondroitin sulfate for knee osteoarthritis.	2006	The New England Journal Of Medicine	Vassiliou, Vassilios S		Y		9
16708359	Brief cognitive-behavioral audiotape interventions for cancer-related pain: Immediate but not long-term effectiveness.	2006	Cancer	Anderson, Karen O; Cohen, Marlene Z; Mendoza, Tilo R; Guo, Hong; Harle, Margaret T; Cleeland, Charles S		Y		35
16697853	Laparoscopic renal denervation and nephropexy for autosomal dominant polycystic kidney disease related pain in adolescents.	2006	The Journal Of Urology	Resnick, Matthew; Chang, Andy Y; Casale, Pasquale		Y		14
16697736	CD4+ T-cell modulation of visceral nociception in mice.	2006	Gastroenterology	Verma-Gandhu, Monica; Bercik, Premysl; Motomura, Yasuaki; Verdu, Elena F; Khan, Walid I; Blennerhassett, Patricia A; Wang, Lu; El-Sharkawy, Rami T; Collins, Stephen M				63
16682579	Improving the management of pain in hospitalized adults.	2006	Archives Of Internal Medicine	Morrison, R Sean; Meier, Diane E; Fischberg, Daniel; Moore, Carlton; Degenholtz, Howard; Litke, Ann; Maroney-Galin, Catherine; Siu, Albert L		Y		58
16675817	Difficult pain.	2006	BMJ (Clinical Research Ed.)	Colvin, Lesley; Forbes, Karen; Fallon, Marie		Y		Not found on Microsoft Academic
16675319	Potential for drug-drug interactions in patients taking analgesics for mild-to-moderate pain and low-dose aspirin for cardioprotection.	2006	The American Journal Of Cardiology	Gaziano, J Michael; Gibson, C Michael		Y		24
16675318	Gastrointestinal Considerations in Patients with Cardiovascular Disease Using Nonopioid Analgesics for Mild-to-Moderate Pain or Cardioprotection.	2006	The American Journal Of Cardiology	Wilcox, C Mel Jr		Y		8
16675317	Nonnarcotic analgesics and hypertension.	2006	The American Journal Of Cardiology	Gaziano, J Michael		Y		30
16675316	Clinical implications of nonopioid analgesia for relief of mild-to-moderate pain in patients with or at risk for cardiovascular disease.	2006	The American Journal Of Cardiology	Whelton, Andrew		Y		28
16672889	Revision total knee arthroplasty does not increase PACU utilization.	2006	Clinical Orthopaedics And Related Research	Salomone, Matthew M; Durieux, Marcel E		Y		2
16670758	Frontiers in pruritus research: scratching the brain for more effective itch therapy.	2006	The Journal Of Clinical Investigation	Paus, Ralf; Schmelz, Martin; Biro, Tamas; Steinhoff, Martin				252
16651945	Lifestyle outcomes, satisfaction, and attitudes of patients after liposuction: a Dallas experience.	2006	Plastic And Reconstructive Surgery	Broughton, George 2nd; Horton, Bauer; Lipschitz, Avron; Kenkel, Jeffrey M; Brown, Spencer A; Rohrich, Rod J		Y		31

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16651569	Efficacy of periaricular multimodal drug injection in total knee arthroplasty. A randomized trial.	2006	The Journal Of Bone And Joint Surgery. American Volume	Busch, Constant A; Shore, Benjamin J; Bhandari, Rakesh; Ganapathy, Su; MacDonald, Steven J; Bourne, Robert B; Rorabeck, Cecil H; McCalden, Richard W		Y		304
16651304	Pain assessment for pediatric patients in the emergency department.	2006	Pediatrics	Drendel, Amy L; Brousseau, David C; Gorelick, Marc H		Y		96
16645479	Use of ketamine to facilitate opioid withdrawal in a child.	2006	Anesthesiology	Ito, Hiroaki; Sobue, Kazuya; Hirate, Hiroyuki; Sugura, Takeshi; So, Minhye; Azami, Takafumi; Sasano, Hiroshi; Katsuya, Hirotada				7
16645459	A genetic analysis of opioid-induced hyperalgesia in mice.	2006	Anesthesiology	Liang, De-Yong; Liao, Guochun; Wang, Jianmei; Usuka, Jonathan; Guo, YingYing; Peltz, Gary; Clark, J David	Y			85
16645458	Efficacy of single-dose, multilevel paravertebral nerve blockade for analgesia after thoracoscopic procedures.	2006	Anesthesiology	Hill, Steven E; Keller, Rebecca A; Stafford-Smith, Mark; Grichnik, Katherine; White, William D; D'Amico, Thomas A; Newman, Mark F				61
16645442	Electroencephalographic approximate entropy changes in healthy volunteers during remifentanil infusion.	2006	Anesthesiology	Noh, Gyu-Jeong; Kim, Kye-Min; Jeong, Yong-Bo; Jeong, Seong-Wook; Yoon, Hee-Suk; Jeong, Sung-Moon; Kang, Sung-Hong; Linares, Olinto; Kern, Steven E				34
16636208	Oxycodone for cancer-related pain: meta-analysis of randomized controlled trials.	2006	Archives Of Internal Medicine	Reid, Colette M; Martin, Richard M; Sterne, Jonathan A C; Davies, Andrew N; Hanks, Geoffrey W				82
16632829	The impact of therapy on quality of life and mood in neuropathic pain: what is the effect of pain reduction?	2006	Anesthesia And Analgesia	Deshpande, Maneesh A; Holden, Ronald R; Gilron, Ian				39
16632824	Novel depots of buprenorphine prodrugs have a long-acting antinociceptive effect.	2006	Anesthesia And Analgesia	Liu, Kuo-Sheng; Tzeng, Jann-Inn; Chen, Yu-Wen; Huang, Kuo-Lun; Kwei, Chun-Hsiung; Wang, Jhi-Joung				14
16632821	Bronchial mucus transport velocity in patients receiving propofol and remifentanil versus sevoflurane and remifentanil anesthesia.	2006	Anesthesia And Analgesia	Ledowski, Thomas; Paech, Michael J; Patel, Bhavesh; Schug, Stephan A	Y			37
16632814	The prevention of emergence agitation with tropisetron or clonidine after sevoflurane anesthesia in small children undergoing adenoidectomy.	2006	Anesthesia And Analgesia	Lankinen, Ulla; Avela, Risto; Tarkkila, Pekka	Y			45
16632811	The analgesic efficacy of acetaminophen, ketoprofen, or their combination for pediatric surgical patients having soft tissue or orthopedic procedures.	2006	Anesthesia And Analgesia	Hiller, Arja; Meretoja, Olli A; Korppela, Reijo; Piiparinen, Satu; Taivainen, Tomi				37
16632692	Radiofrequency ablation of peripheral liver tumors: intraperitoneal 5% dextrose in water decreases postprocedural pain.	2006	AJR. American Journal Of Roentgenology	Hinshaw, J Louis; Laeseke, Paul F; Winter, Thomas C 3rd; Kleiver, Mark A; Fine, Jason P; Lee, Fred T Jr	Y			54
16626607	A double-blind, randomized, placebo-controlled phase III study of the safety of alvimopan in patients who undergo simple total abdominal hysterectomy.	2006	American Journal Of Obstetrics And Gynecology	Herzog, Thomas J; Coleman, Robert L; Guerreri, James P Jr; Gabriel, Kathie; Du, Wei; Techner, Lee; Fort, John G; Wallin, Bruce				52
16618912	Temperature-controlled radiofrequency treatment of tonsillar hypertrophy for reduction of upper airway obstruction in pediatric patients.	2006	Archives Of Otolaryngology-Head & Neck Surgery	Coticchia, James M; Yun, Romy D; Nelson, Lionel; Koempel, Jeffrey				36
16615926	Does magnesium sulfate reduce the short- and long-term requirements for pain relief after caesarean delivery? A double-blind placebo-controlled trial.	2006	American Journal Of Obstetrics And Gynecology	Paech, Michael J; Magann, Everett F; Doherty, Dorota A; Verily, Lisa J; Newham, John P				37
16615676	Renal infarction during the use of rizatriptan and zolmitriptan: two case reports.	2006	Clinical Toxicology (Philadelphia, Pa.)	Fulton, Jessica A; Kahn, Jason; Nelson, Lewis S; Hoffman, Robert S	Y			12
16610579	Tramadol challenge for relief of intractable central poststroke pain.	2006	Mayo Clinic Proceedings	Iranami, Hiroshi; Yamazaki, Akinori; Hatano, Yoshiro	Y			4
16608049	Consensus guidelines: treatment planning and options. Diabetic peripheral neuropathic pain.	2006	Mayo Clinic Proceedings	Argoff, Charles E; Backonja, Misha-Miroslav; Belgrade, Miles J; Bennett, Gary J; Clark, Michael R; Cole, B Eliot; Fishbain, David A; Irving, Gordon A; McCarberg, Bill H; McLean, Michael J				73
16606655	Acetaminophen, like conventional NSAIDs, may reduce synovitis in osteoarthritic knees.	2006	Rheumatology (Oxford, England)	Brandt, Kenneth D; Mazzuca, Steven A; Buckwalter, Kenneth A				37
16595445	Basic science of pain.	2006	The Journal Of Bone And Joint Surgery. American Volume	DeLeo, Joyce A	Y			129
16585432	Prescription drug dependence and evolving beliefs about chronic pain management.	2006	The American Journal Of Psychiatry	Strelitzer, Jon; Johansen, Luther	Y			17
16582772	A comparison of postoperative pain between DIEP and extended latissimus dorsi flaps in breast reconstruction.	2006	Plastic And Reconstructive Surgery	Misra, Alok; Chester, Darren; Park, Alan	Y			14
16580905	Analgesic effect of acetaminophen in humans: first evidence of a central serotonergic mechanism.	2006	Clinical Pharmacology And Therapeutics	Pickering, Gisele; Loriot, Marie-Anne; Libert, Frederic; Escalier, Alain; Beaune, Philippe; Dubray, Claude	Y			185
16580900	Environmental and genetic factors associated with morphine response in the postoperative period.	2006	Clinical Pharmacology And Therapeutics	Coulaert, Laurent; Beaussier, Marc; Verstuyft, Celine; Weickmans, Henri; Dubert, Liliane; Tregouet, David; Descot, Christelle; Parc, Yann; Lienhart, Andre; Jaillon, Patrice; Bequemont, Laurent				186

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16580284	Oral analgesia compared with intravenous patient-controlled analgesia for pain after cesarean delivery: a randomized controlled trial.	2006	American Journal Of Obstetrics And Gynecology	Davis, Kathryn M; Esposito, Matthew A; Meyer, Bruce A		Y		44
16572610	Preoperative administration of rofecoxib versus ketoprofen for pain relief after tonsillectomy.	2006	The Annals Of Otology, Rhinology, And Laryngology	Louizos, Antonios A; Pandazi, Ageliki B; Koraka, Christina P; Davilis, Dimitrios I; Georgiou, Loucas G		Y		9
16571981	Analgesic treatment after laparoscopic cholecystectomy: a critical assessment of the evidence.	2006	Anesthesiology	Bisgaard, Thue				147
16564767	Opioid contracts in chronic nonmalignant pain management: objectives and uncertainties.	2006	The American Journal Of Medicine	Arnold, Robert M; Han, Paul K J; Seltzer, Deborah				72
16551957	Efficacy of postoperative epidural morphine for postpartum tubal ligation.	2006	Anesthesia And Analgesia	Balestrieri, Philip J; Ting, Paul H; Blank, Randal S		Y		0
16551941	Evaluation of adverse outcomes requires the correct denominator.	2006	Anesthesia And Analgesia	Finley, G Allen		Y		0
16551935	Postoperative delirium: the importance of pain and pain management.	2006	Anesthesia And Analgesia	Vaurio, Linnea E; Sands, Laura P; Wang, Yun; Mullen, E Ann; Leung, Jacqueline M	Y			198
16551934	The role of postoperative analgesia in delirium and cognitive decline in elderly patients: a systematic review.	2006	Anesthesia And Analgesia	Fong, Harold K; Sands, Laura P; Leung, Jacqueline M	Y			214
16551930	The effect of single-injection femoral nerve block versus continuous femoral nerve block after total knee arthroplasty on hospital length of stay and long-term functional recovery within an established clinical pathway.	2006	Anesthesia And Analgesia	Salinas, Francis V; Liu, Spencer S; Mulroy, Michael F		Y		135
16551916	The use of intrathecal morphine for postoperative pain relief after liver resection: a comparison with epidural analgesia.	2006	Anesthesia And Analgesia	De Pietri, Lesley; Siniscalchi, Antonio; Reggiani, Alexia; Masetti, Michele; Begliomini, Bruno; Gazzi, Matteo; Gerunda, Giorgio E; Pasetto, Alberto		Y		45
16551896	A prospective evaluation of opioid weaning in opioid-dependent pediatric critical care patients.	2006	Anesthesia And Analgesia	Berens, Richard J; Meyer, Michael T; Mikhailov, Theresa A; Colpaert, Krista D; Czarnocki, Michelle L; Ghanyem, Nancy S; Hoffman, George M; Soetenga, Deborah J; Nelson, Thomas J; Weisman, Steven J				60
16549870	The pain divide between men and women.	2006	Annals Of Internal Medicine	Wilson, Jennifer Fisher		Y		15
16540957	Sedation during mechanical ventilation: a trial of benzodiazepine and opiate in combination.	2006	Critical Care Medicine	Richman, Paul S; Baram, Daniel; Varela, Marie; Glass, Peter S		Y		66
16537733	Dying patients and palliative sedation.	2006	JAMA	Del Fabbro, Egidio; Bruera, Eduardo		Y		1
16531857	Analgesic use in intubated patients during acute resuscitation.	2006	The Journal Of Trauma	Chao, Anne; Huang, Chi-Hsiang; Pryor, John P; Reilly, Patrick M; Schwab, C William		Y		16
16510860	Long-term effects of analgesics in a population of elderly nursing home residents with persistent nonmalignant pain.	2006	The Journals Of Gerontology, Series A, Biological Sciences And Medical Sciences	Won, Aida; Lapane, Kate L; Yallow, Sue; Schein, Jeff; Morris, John N; Lipsitz, Lewis A				75
16510639	Prophylaxis with acetaminophen or ibuprofen for prevention of local reactions to the fifth diphtheria-tetanus toxoids-acellular pertussis vaccination: a randomized, controlled trial.	2006	Pediatrics	Jackson, Lisa A; Dunstan, Maya; Starkovich, Patty; Dunn, John; Yu, Onchee; Nelson, Jennifer C; Rees, Thom; Zavitsky, Ann				30
16508408	Postoperative hyperalgesia: its clinical importance and relevance.	2006	Anesthesiology	Wilder-Smith, Oliver H G; Arendt-Nielsen, Lars				166
16508407	Preventing and treating pain after thoracic surgery.	2006	Anesthesiology	Gottschalk, Allan; Cohen, Steven P; Yang, Stephen; Ochroch, E Andrew	Y			162
16508405	Opioid-induced hyperalgesia: a qualitative systematic review.	2006	Anesthesiology	Angst, Martin S; Clark, J David	Y			799
16508403	Opioid-induced hyperalgesia in a murine model of postoperative pain: role of nitric oxide generated from the inducible nitric oxide synthase.	2006	Anesthesiology	Celerier, Evelyne; Gonzalez, Juan R; Maldonado, Rafael; Cabanero, David; Puig, Margarita M				96
16508400	Safety and efficacy of the cyclooxygenase-2 inhibitors parecoxib and valdecoxib after noncardiac surgery.	2006	Anesthesiology	Nussmeier, Nancy A; Whelton, Andrew A; Brown, Mark T; Joshi, Girish P; Langford, Richard M; Singla, Neil K; Boye, Mark E; Verburg, Kenneth M				133
16508387	Multifactorial preoperative predictors for postcesarean section pain and analgesic requirement.	2006	Anesthesiology	Pan, Peter H; Coghill, Robert; Houle, Timothy T; Seid, Melvin H; Lindel, W Michael; Parker, R Lamar; Washburn, Scott A; Harris, Lynne; Eisenach, James C	Y			166
16508386	Postoperative modulation of central nervous system prostaglandin E2 by cyclooxygenase inhibitors after vascular surgery.	2006	Anesthesiology	Reuben, Scott S; Buvanendran, Asokumar; Kroin, Jeffrey S; Steinberg, Robert B		Y		34
16501192	Images in cardiology. Needle embolism in an intravenous drug user.	2006	Heart (British Cardiac Society)	Low, G S; Jenkins, N P; Prendergast, B D		Y		Not found on Microsoft Academic
16497770	Pain is an issue in renal impairment.	2006	BMJ (Clinical Research Ed.)	Reid, Colette; Gibbons, Jane; Hanks, Geoffrey		Y		0
16492849	A randomized comparison of programmed intermittent epidural bolus with continuous epidural infusion for labor analgesia.	2006	Anesthesia And Analgesia	Wong, Cynthia A; Ratliff, John T; Sullivan, John T; Scavone, Barbara M; Toledo, Paloma; McCarthy, Robert J		Y		111
16492837	Ultrasonic rat vocalizations during the formalin test: a measure of the affective dimension of pain?	2006	Anesthesia And Analgesia	Oliveira, Alexandre R; Barros, Helena M T				29

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16492813	A comparison of dexmedetomidine versus conventional therapy for sedation and hemodynamic control during carotid endarterectomy performed under regional anesthesia.	2006	Anesthesia And Analgesia	McCutcheon, Craig A; Orme, Ruari M; Scott, David A; Davies, Michael J; McGlade, Desmond P					59
16480353	Acute pain management for opioid dependent patients.	2006	Anaesthesia	Mehta, V; Langford, R M			Y		105
16478902	Intravenous morphine and topical tetracaine for treatment of pain in [corrected] neonates undergoing central line placement.	2006	JAMA	Taddio, Anna; Lee, Charlene; Yip, Amelia; Parvez, Boriana; McNamara, Patrick J; Shah, Vibhuti					Not found on Microsoft Academic
16463417	Treatment of pain in juvenile idiopathic arthritis: a survey of pediatric rheumatologists.	2006	Arthritis And Rheumatism	Kimura, Yukiko; Walco, Gary A; Sugarman, Etan; Conte, Paola M; Schanberg, Laura E			Y		17
16463409	Prescription opioid use among older adults with arthritis or low back pain.	2006	Arthritis And Rheumatism	Solomon, Daniel H; Avorn, Jerry; Wang, Philip S; Vaillant, George; Cabral, Danielle; Mogun, Helen; Sturmer, Til					50
16452738	A multimodal analgesia protocol for total knee arthroplasty. A randomized, controlled study.	2006	The Journal Of Bone And Joint Surgery. American Volume	Venditoli, Pascal-Andre; Makinen, Patrice; Drolet, Pierre; Lavigne, Martin; Fallaha, Michel; Guertin, Marie-Claude; Varin, France			Y		277
16452737	Evaluation of a single-dose, extended-release epidural morphine formulation for pain after knee arthroplasty.	2006	The Journal Of Bone And Joint Surgery. American Volume	Hartnick, Craig T; Martin, Gavin; Kantor, George; Koncelik, John; Manvelian, Garen					53
16452103	Sham device v inert pill: randomised controlled trial of two placebo treatments.	2006	BMJ (Clinical Research Ed.)	Kaptchuk, Ted J; Stason, William B; Davis, Roger B; Legedza, Anna R T; Schnyer, Rosa N; Kerr, Catherine E; Stone, David A; Nam, Bong Hyun; Kirsch, Irving; Goldman, Rose H			Y		352
16449370	Analgesic action of acetaminophen in symptomatic osteoarthritis of the knee.	2006	Rheumatology (Oxford, England)	Shen, H; Sprott, H; Aeschlimann, A; Gay, R E; Michel, J B A; Gay, S; Sprott, H			Y		25
16449110	Humidified compared with dry, heated carbon dioxide at laparoscopy to reduce pain.	2006	Obstetrics And Gynecology	Beste, Todd M; Daucher, James A; Holbert, Donald			Y		24
16436859	Postsurgical safety of opioid-sparing cyclooxygenase-2 inhibitors.	2006	Anesthesiology	Babul, Najib; Sloan, Paul; Lipman, Arthur G			Y		1
16436852	Reduction of verbal pain scores after anterior cruciate ligament reconstruction with 2-day continuous femoral nerve block: a randomized clinical trial.	2006	Anesthesiology	Williams, Brian A; Kentor, Michael L; Vogt, Molly T; Irrgang, James J; Bottegal, Matthew T; West, Robin V; Harner, Christopher D; Fu, Freddie H; Williams, John P					101
16432345	Laparoscopic-assisted versus open ileocolic resection for Crohn's disease: a randomized trial.	2006	Annals Of Surgery	Maartense, Stefan; Dunker, Mich S; Slors, J Frederik M; Cuesta, Miguel A; Pierik, Erik G J M; Gouma, Dirk J; Hommes, Daan W; Sprangers, Miriam A; Beremelman, Willem A			Y		191
16428551	Perioperative nimodipine and postoperative analgesia.	2006	Anesthesia And Analgesia	Casey, Gerri; Nortcliff, Sally-Ann; Sharpe, Paul; Buggy, D J					10
16428536	Methylprednisolone reduces pain, emesis, and fatigue after breast augmentation surgery: a single-dose, randomized, parallel-group study with methylprednisolone 125 mg, parecoxib 40 mg, and placebo.	2006	Anesthesia And Analgesia	Romundstad, Luis; Breivik, Harald; Roald, Helge; Skolleborg, Knut; Haugen, Torleiv; Narum, Jon; Stubhaug, Audun			Y		75
16427556	Use of the ON-Q pain management system is associated with decreased postoperative analgesic requirement: double blind randomized placebo pilot study.	2006	Journal Of The American College Of Surgeons	Baig, Mirza K; Zmora, Oded; Derdemezi, Jeannette; Weiss, Eric G; Nogueras, Juan J; Wexner, Steven D					72
16424470	Naltrexone and problems in pain management.	2006	BMJ (Clinical Research Ed.)	Vickers, A P; Jolly, A			Y		14
16418412	Acute pain management for patients receiving maintenance methadone or buprenorphine therapy.	2006	Annals Of Internal Medicine	Alford, Daniel P; Compton, Peggy; Samet, Jeffrey H			Y		215
16415415	Prevalence of meperidine use in older surgical patients.	2006	Archives Of Surgery (Chicago, Ill. : 1960)	Kornitzer, Benjamin S; Manace, Leslie C; Fischberg, Daniel J; Leipzig, Rosanne M					11
16394912	What defines a distracting injury in cervical spine assessment?	2005	The Journal Of Trauma	Heffernan, David S; Schermer, Carol R; Lu, Stephen W			Y		30
16394700	Thoracic epidural versus intravenous patient-controlled analgesia after cardiac surgery: a randomized controlled trial on length of hospital stay and patient-perceived quality of recovery.	2006	Anesthesiology	Hansdotir, Vigdis; Philip, Julia; Olsen, Monika Fagervik; Eduard, Christina; Holtz, Erik; Ricksten, Sven-Erik					108
16394685	Lorazepam is an independent risk factor for transitioning to delirium in intensive care unit patients.	2006	Anesthesiology	Pandharipande, Pratik; Shintani, Ayumi; Peterson, Josh; Pun, Brenda Truman; Wilkinson, Grant R; Dittus, Robert S; Bernard, Gordon R; Ely, E Wesley					702
16394295	The big chill--inserting the DEA into end-of-life care.	2006	The New England Journal Of Medicine	Quill, Timothy E; Meier, Diane E			Y		74
16385313	Pain management guidelines for blunt thoracic trauma.	2005	The Journal Of Trauma	Simon, Bruce J; Cushman, James; Barraco, Robert; Lane, Vivian; Luchette, Fred A; Miglietta, Maurizio; Roccaforte, David J; Spector, Ruth			Y		84
16385103	Methodological issues in clinical trials of opioids for chronic pain.	2005	Neurology	Katz, Nathaniel			Y		72
16382568	Managing persistent neuropathic pain in the elderly.	2005	Geriatrics	McCarberg, Bill H			Y		1
16382567	Pharmacotherapeutic options in pain management.	2005	Geriatrics	Argoff, Charles E			Y		2
16374401	A combination of oxycodone and ibuprofen (Combunox) for pain.	2006	The Medical Letter On Drugs And Therapeutics				Y		Not found on Microsoft Academic
16371735	Laparoscopic surgery may be associated with severe pain and high analgesia requirements in the immediate postoperative period.	2006	Annals Of Surgery	Ekstein, Perla; Szold, Amir; Sagie, Boaz; Werbin, Nachum; Klausner, Joseph M; Weinbroum, Avi A			Y		53

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16368839	Stimulating popliteal catheters for postoperative analgesia after hallux valgus repair.	2006	Anesthesia And Analgesia	Rodriguez, Jaime; Taboada, Manuel; Carceller, Javier; Lagunilla, Juan; Barcena, Maria; Alvarez, Julian		Y		59
16368838	Does continuous peripheral nerve block provide superior pain control to opioids? A meta-analysis.	2006	Anesthesia And Analgesia	Richman, Jeffrey M; Liu, Spencer S; Courpas, Genevieve; Wong, Robert; Rowlingson, Andrew J; McGready, John; Cohen, Seth R; Wu, Christopher L				417
16368836	Patient satisfaction with awake craniotomy for tumor surgery: a comparison of remifentanil and fentanyl in conjunction with propofol.	2006	Anesthesia And Analgesia	Manninen, Pirjo H; Balki, Mrinalini; Lukito, Karolinah; Bernstein, Mark		Y		96
16368830	The efficacy of thoracic epidural neostigmine infusion after thoracotomy.	2006	Anesthesia And Analgesia	Chia, Yuan-Yi; Chang, Ting-Hang; Liu, Kang; Chang, Huang-Chou; Ko, Nai-Hua; Wang, Ying-Ming				21
16368829	Nonsteroidal antiinflammatory drugs suppress pain-related behaviors, but not referred hyperalgesia of visceral pain in mice.	2006	Anesthesia And Analgesia	Shin, Jin-Woo; Hwang, Kyu-Sam; Kim, Yoo-Kyung; Leem, Jeong-Gill; Lee, Cheong				16
16368828	An iontophoretic fentanyl patient-activated analgesic delivery system for postoperative pain: a double-blind, placebo-controlled trial.	2006	Anesthesia And Analgesia	Viscusi, Eugene R; Reynolds, Lowell; Tait, Stacy; Nelson, Timothy; Atkinson, Linda E	Y			102
16368826	Gabapentin: an alternative to the cyclooxygenase-2 inhibitors for perioperative pain management.	2006	Anesthesia And Analgesia	Turan, A; White, P F; Karamanolou, B; Memis, D; Tasdogan, M; Pamukcu, Z; Yavuz, E				108
16368821	The dose of succinylcholine required for excellent endotracheal intubating conditions.	2006	Anesthesia And Analgesia	Naguib, Mohamed; Samarkandi, Abdulhamid H; El-Din, Mansour Emad; Abdullah, Khaled; Khaled, Mazen; Alharby, Saleh W		Y		37
16368820	The analgesic effect of tramadol after intravenous injection in healthy volunteers in relation to CYP2D6.	2006	Anesthesia And Analgesia	Enggaard, Thomas P; Poulsen, Lars; Arendt-Nielsen, Lars; Brosen, Kim; Ossig, Joachim; Sindrup, Soren H		Y		113
16368814	The effect of nefopam on morphine overconsumption induced by large-dose remifentanil during propofol anesthesia for major abdominal surgery.	2006	Anesthesia And Analgesia	Tirault, Myriam; Derrode, Nicolas; Clevenot, David; Rolland, Delphine; Fletcher, Dominique; Debaene, Bertrand				41
16368810	Total knee arthroplasty as an overnight-stay procedure using continuous femoral nerve blocks at home: a prospective feasibility study.	2006	Anesthesia And Analgesia	Ilfeld, Brian M; Gearen, Peter F; Enneking, F Kayser, Berry, Linda F; Spadoni, Eugene H; George, Steven Z; Vandenborne, Krista				64
16344024	Efficacy and safety of oxymorphone immediate release for the treatment of mild to moderate pain after ambulatory orthopedic surgery: results of a randomized, double-blind, placebo-controlled trial.	2005	Archives Of Physical Medicine And Rehabilitation	Gimbel, Joseph S; Walker, Dean; Ma, Tina; Ahdieh, Harry				11
16342825	Tramadol for acute pain: a review of the evidence.	2005	American Family Physician	Sonis, Jeffrey		Y		1
16334493	Post cesarean delivery analgesia.	2005	Anesthesia And Analgesia	Gadsden, Jeff; Hart, Stuart; Santos, Alan C				100
16334491	The role of intrathecal drugs in the treatment of acute pain.	2005	Anesthesia And Analgesia	Rathmell, James P; Lair, Timothy R; Nauman, Bushra				129
16334490	Emerging techniques in the management of acute pain: epidural analgesia.	2005	Anesthesia And Analgesia	Viscusi, Eugene R				39
16334489	The changing role of non-opioid analgesic techniques in the management of postoperative pain.	2005	Anesthesia And Analgesia	White, Paul F				339
16334488	Postoperative pain: to diversify is to satisfy.	2005	Anesthesia And Analgesia	Rowlingson, John C				4
16330992	Operative and patient care techniques for posterior mini-incision total hip arthroplasty.	2005	Clinical Orthopaedics And Related Research	Inaba, Yutaka; Dorr, Lawrence D; Wan, Zhinian; Sirianni, Leighellen; Boutary, Myriam		Y		69
16326205	Perioperative pain control: a strategy for management.	2005	The Surgical Clinics Of North America Anesthesiology	Cohen, Mitchell Jay; Schechter, William P		Y		14
16306757	Extended-release epidural morphine formulation data far from clear.	2005	Anesthesiology	Roboubi, Babak		Y		5
16306749	Graphical display of data could reveal errors in statistical tests.	2005	Anesthesiology	Guignard, Bruno		Y		2
16306743	Does multimodal analgesia with acetaminophen, nonsteroidal antiinflammatory drugs, or selective cyclooxygenase-2 inhibitors and patient-controlled analgesia morphine offer advantages over morphine alone? Meta-analyses of randomized trials.	2005	Anesthesiology	Elia, Nadia; Lysakowski, Christopher; Tramer, Martin R				402
16306738	A new inguinal approach for the obturator nerve block: anatomical and randomized clinical studies.	2005	Anesthesiology	Choquet, Olivier; Capdevila, Xavier; Bennourine, Khaled; Feugeas, Jean-Louis; Bringuer-Branchereau, Sophie; Manelli, Jean-Claude		Y		47
16306736	Comparison of morphine, ketorolac, and their combination for postoperative pain: results from a large, randomized, double-blind trial.	2005	Anesthesiology	Cepeda, Maria Soledad; Carr, Daniel B; Miranda, Nelcy; Diaz, Adriana; Silva, Claudia; Morales, Olga				105
16301283	The combination of tramadol and morphine may be recommended for postoperative analgesia.	2005	Anesthesia And Analgesia	Webb, Ashley; Leong, Sam		Y		0
16301267	Continuous femoral nerve blockade or epidural analgesia after total knee replacement: a prospective randomized controlled trial.	2005	Anesthesia And Analgesia	Barrington, Michael J; Olive, David; Low, Keng; Scott, David A; Brittain, Jennifer; Choong, Peter		Y		91

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16301254	A single dose of intrathecal morphine in rats induces long-lasting hyperalgesia: the protective effect of prior administration of ketamine.	2005	Anesthesia And Analgesia	Van Elstraete, Alain C; Sitbon, Philippe; Trabold, Fabien; Mazoit, Jean-Xavier; Benhamou, Dan			Y	57
16301253	Systemic administration of local anesthetics to relieve neuropathic pain: a systematic review and meta-analysis.	2005	Anesthesia And Analgesia	Tremont-Lukats, Ivo W; Challapalli, Vidya; McNicol, Ewan D; Lau, Joseph; Carr, Daniel B				141
16301251	Spinal L-type calcium channel blockade abolishes opioid-induced sensory hypersensitivity and antinociceptive tolerance.	2005	Anesthesia And Analgesia	Dogrul, Ahmet; Bilsky, Edward J; Ossipov, Michael H; Lai, Josephine; Porreca, Frank		Y		32
16301239	Peripheral nerve block techniques for ambulatory surgery.	2005	Anesthesia And Analgesia	Klein, Stephen M; Evans, Holly; Nielsen, Karen C; Tucker, Marcy S; Warner, David S; Steele, Susan M		Y		86
16301237	An evaluation of general and spinal anesthesia techniques for prostate brachytherapy in a day surgery setting.	2005	Anesthesia And Analgesia	Flaishon, Ron; Ekstein, Perla; Matzkin, Haim; Weinbroum, Avi A		Y		14
16301231	The safety of patient-controlled analgesia by proxy in pediatric oncology patients.	2005	Anesthesia And Analgesia	Anghelescu, Doralina L; Burgoyne, Laura L; Oakes, Linda L; Wallace, Debora A				49
16294079	A prospective randomized trial of nebulized morphine compared with patient-controlled analgesia morphine in the management of acute thoracic pain.	2005	The Journal Of Trauma	Fulda, Gerard J; Giberson, Frederick; Fagraeus, Lenart		Y		27
16291387	Superiority of postoperative epidural over intravenous patient-controlled analgesia in orthopedic oncologic patients.	2005	Surgery	Weinbroum, Avi A		Y		19
16288617	A procedure-specific systematic review and consensus recommendations for analgesia after total hip replacement.	2005	Anaesthesia	Fischer, H B J; Simanski, C J P				133
16285265	Inside-out complete tonsillectomy: extended intracapsular tonsillectomy for severe sore throat.	2005	The Annals Of Otology, Rhinology And Laryngology	Isaacson, Glenn		Y		9
16284992	Transdermal fentanyl in the management of children with chronic severe pain: results from an international study.	2005	Cancer	Finkel, Julia C; Finley, Allen; Greco, Christine; Weisman, Steve J; Zeltzer, Lonnie				40
16271683	Rectal insertion of fentanyl patches: a new route of toxicity.	2005	Annals Of Emergency Medicine	Coon, Troy Paul; Miller, Michael; Kaylor, Dave; Jones-Spangle, Karen		Y		31
16256909	Factors associated with insulin and narcotic independence after islet autotransplantation in patients with severe chronic pancreatitis.	2005	Journal Of The American College Of Surgeons	Ahmad, Syed A; Lowy, Andrew M; Wray, Curtis J; D'Alessio, David; Choe, Kywan A; James, Laura E; Gelrud, Andreas; Matthews, Jeffrey B; Rio, Horacio L R		Y		113
16249683	Efficacy of postoperative patient-controlled and continuous infusion epidural analgesia versus intravenous patient-controlled analgesia with opioids: a meta-analysis.	2005	Anesthesiology	Wu, Christopher L; Cohen, Seth R; Richman, Jeffrey M; Rowlingson, Andrew J; Courpas, Genevieve E; Cheung, Kristin; Lin, Elaina E; Liu, Spencer S		Y		305
16249668	What is the driving performance of ambulatory surgical patients after general anesthesia?	2005	Anesthesiology	Chung, Frances; Kayumov, Leonid; Sinclair, David R; Edward, Reginald; Moller, Henry J; Shapiro, Colin M				35
16249243	Anti-inflammatory effects of contralateral administration of the kappa-opioid agonist U-50,488H in rats with unilaterally induced adjuvant arthritis.	2006	Rheumatology (Oxford, England)	Bilevicite-Ljungar, I; Saxne, T; Spetea, M				17
16244023	Prophylactic intravenous ondansetron and dolasetron in intrathecal morphine-induced pruritus: a randomized, double-blinded, placebo-controlled study.	2005	Anesthesia And Analgesia	Iatrou, Christos A; Dragoumanis, Christos K; Vogiatzaki, Theodosia D; Vretzakis, George I; Simopoulos, Constantinos E; Dimitriou, Vasilios K		Y		49
16243989	Ondansetron, orally disintegrating tablets versus intravenous injection for prevention of intrathecal morphine-induced nausea, vomiting, and pruritus in young males.	2005	Anesthesia And Analgesia	Pirat, Arash; Tuncay, Senay F; Torgay, Adnan; Candan, Selim; Arslan, Gulnaz		Y		26
16243987	Total shoulder arthroplasty as an outpatient procedure using ambulatory perineural local anesthetic infusion: a pilot feasibility study.	2005	Anesthesia And Analgesia	Ilfeld, Brian M; Wright, Thomas W; Enneking, F Kayser; Mace, Jennie A; Shuster, Jonathan J; Spadoni, Eugene H; Chmielewski, Terese L; Vandenneorne, Krista				36
16243985	Intraarticular bupivacaine-clonidine-morphine versus femoral-sciatic nerve block in pediatric patients undergoing anterior cruciate ligament reconstruction.	2005	Anesthesia And Analgesia	Tran, Kha M; Ganley, Theodore J; Wells, Lawrence; Ganesh, Arjunan; Minger, Kimberly I; Cucchiaro, Giovanni		Y		18
16230741	Prescribing methadone as an analgesic.	2005	Annals Of Internal Medicine	Dart, Richard C; Woody, George E; Kleber, Herbert D		Y		9
16226953	Postoperative day one: a high risk period for respiratory events.	2005	American Journal Of Surgery	Taylor, Shiv; Kirton, Orlando C; Staff, Ilene; Kozol, Robert A		Y		111
16219873	Pain studies illuminate the placebo effect.	2005	JAMA	Kuehn, Bridget M		Y		7
16217374	Unilateral extravesical ureteral reimplantation in children performed on an outpatient basis.	2005	The Journal Of Urology	Putman, Scott; Wicher, Christopher; Wayment, Robert; Harrell, Bruce; Devries, Catherine; Snow, Brent; Cartwright, Patrick		Y		29
16214509	Intercostal muscle flap reduces the pain of thoracotomy: a prospective randomized trial.	2005	The Journal Of Thoracic And Cardiovascular Surgery	Cerfolio, Robert James; Bryant, Ayesha S; Patel, Bhavik; Bartolucci, Alfred A		Y		69
16210282	The role of opioids in cancer pain.	2005	BMJ (Clinical Research Ed.)	Quigley, Columba		Y		55
16200625	Chronic arthritis down-regulates peripheral mu-opioid receptor expression with concomitant loss of endomorphin 1 antinociception.	2005	Arthritis And Rheumatism	Li, Zongming; Proud, David; Zhang, Chunfen; Wiehler, Shahina; McDougall, Jason J				Not found on Microsoft Academic
16200574	Role of peripheral mu-opioid receptors in arthritis: are they potential targets for therapy?	2005	Arthritis And Rheumatism	Helyes, Zsuzsanna		Y		Not found on Microsoft Academic
16199717	Efficacy and concerns regarding early analgesia in children with acute abdominal pain.	2005	Pediatrics	Vane, Dennis W		Y		12

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16199716	Analgesia for children with acute abdominal pain: a cautious move to improved pain management.	2005	Pediatrics	Armstrong, F Daniel		Y		12
16199711	Early analgesia for children with acute abdominal pain.	2005	Pediatrics	Green, Robert; Bulloch, Blake; Kabani, Amin; Hancock, Betty Jean; Tenenbein, Milton				69
16199696	New and lingering controversies in pediatric end-of-life care.	2005	Pediatrics	Solomon, Mildred Z; Sellers, Deborah E; Heller, Karen S; Dokken, Deborah L; Levetown, Marcia; Rushton, Cynda; Truog, Robert D; Fleischman, Alan R				171
16199636	The effect of preemptive pudendal nerve blockade on pain after transvaginal pelvic reconstructive surgery.	2005	Obstetrics And Gynecology	Abramov, Yoram; Sand, Peter K; Gandhi, Sanjay; Botros, Sylvia M; Miller, Jay-James R; Koh, Eun-Kyu; Goldberg, Roger P		Y		13
16192778	Nitrous oxide revisited: evidence for potent antihyperalgesic properties.	2005	Anesthesiology	Richebe, Philippe; Rivat, Cyril; Creton, Cyril; Laulin, Jean-Paul; Maurette, Pierre; Lemaire, Marc; Simonnet, Guy				114
16192774	Intraoperative epidural analgesia combined with ketamine provides effective preventive analgesia in patients undergoing major digestive surgery.	2005	Anesthesiology	Lavand'homme, Patricia; De Kock, Marc; Waterloos, Hilde		Y		257
16192767	Influence of nociception and stress-induced antinociception on genetic variation in isoflurane anesthetic potency among mouse strains.	2005	Anesthesiology	Mogil, Jeffrey S; Smith, Shad B; O'Reilly, Meghan K; Plourde, Gilles				20
16192558	Remifentanil for labor pain: is the drug or the method the problem?	2005	Anesthesia And Analgesia	Lacassie, Hector J; Olufolabi, Adeyemi J		Y		5
16192543	Using stimulating catheters for continuous sciatic nerve block shortens onset time of surgical block and minimizes postoperative consumption of pain medication after halux valgus repair as compared with conventional nonstimulating catheters.	2005	Anesthesia And Analgesia	Casati, Andrea; Fanelli, Guido; Koscielniak-Nielsen, Zbigniew; Cappelleri, Gianluca; Aldegheri, Giorgio; Danelli, Giorgio; Fuzier, Regis; Singelyn, Francois		Y		70
16192531	Immunosuppression by morphine-induced lymphocyte apoptosis: is it a real issue?	2005	Anesthesia And Analgesia	Ohara, Takeshi; Itoh, Tsunetoshi; Takahashi, Masahiko				16
16192530	The effects of perioperative pain management techniques on food consumption and body weight after laparotomy in rats.	2005	Anesthesia And Analgesia	Shavit, Yehuda; Fish, Gila; Wolf, Gilly; Mayburd, Eduard; Meerson, Ylia; Yirmiya, Raz; Beilin, Benzion				18
16192529	Etoricoxib provides analgesic efficacy to patients after knee or hip replacement surgery: a randomized, double-blind, placebo-controlled study.	2005	Anesthesia And Analgesia	Rasmussen, G Lynn; Malmstrom, Kerstin; Bourne, Michael H; Jove, Maurice; Rhondeau, Steven M; Kotey, Paul; Ang, Jennifer; Aversano, Michelle; Reicin, Alisse S				50
16192506	A comparison of radial artery blood pressure determination between the Vasotrac device and invasive arterial blood pressure monitoring in adolescents undergoing scoliosis surgery.	2005	Anesthesia And Analgesia	McCann, Mary E; Hill, David; Thomas, Kristin C; Zurakowski, David; Laussen, Peter C				13
16192499	Morphine induces late cardioprotection in rat hearts <i>in vivo</i> : the involvement of opioid receptors and nuclear transcription factor kappaB.	2005	Anesthesia And Analgesia	Frassdorf, Jan; Weber, Nina C; Obal, Detlef; Toma, Octavian; Mullenheim, Jost; Koja, Georg; Preckel, Benedikt; Schlack, Wolfgang				55
16187470	Intravenous morphine at 0.1 mg/kg is not effective for controlling severe acute pain in the majority of patients.	2005	Annals Of Emergency Medicine	Bijur, Polly E; Kenny, Mark K; Gallagher, E John		Y		73
16181935	Low-intensity exercise reverses chronic muscle pain in the rat in a naloxone-dependent manner.	2005	Archives Of Physical Medicine And Rehabilitation	Bement, Marie K Hoeger; Sluka, Kathleen A				75
16181921	Efficacy of methods of intercostal nerve blockade for pain relief after thoracotomy.	2005	The Annals Of Thoracic Surgery	Detterbeck, Frank C				81
16179051	Use of remifentanil for tracheal intubation for caesarean section in a patient with suxamethonium apnoea.	2005	Anaesthesia	Alexander, R; Fardell, S		Y		8
16153398	The 5-hydroxytryptamine 4 receptor agonist mosapride does not antagonize morphine-induced respiratory depression.	2005	Clinical Pharmacology And Therapeutics	Lotsch, Jorn; Skarke, Carsten; Schneider, Andreas; Hummel, Thomas; Geisslinger, Gerd		Y		32
16136714	Persistent low back pain.	2005	The New England Journal Of Medicine	Meyer, Michael A		Y		163
16131865	Iliosacral resection for primary bone tumors: is pelvic reconstruction necessary?	2005	Clinical Orthopaedics And Related Research	Beadel, Gordon P; McLaughlin, Catherine E; Aljassir, Fawzi; Turcotte, Robert E; Isler, Marc H; Ferguson, Peter; Griffin, Anthony M; Bell, Robert S; Wunder, Jay S				31
16129989	Postamputation pain and sensory changes in treatment-naïve patients: characteristics and responses to treatment with tramadol, amitriptyline, and placebo.	2005	Anesthesiology	Wilder-Smith, Clive H; Hill, Lauren T; Laurent, Sophie				88
16129988	Predicting postoperative pain by preoperative pressure pain assessment.	2005	Anesthesiology	Hsu, Yung-Wei; Somma, Jacques; Hung, Yu-Chun; Tsai, Pei-Shan; Yang, Chen-Hsien; Chen, Chien-Chuan				106
16129986	Nerve stimulator-guided paravertebral blockade combined with sevoflurane sedation versus general anesthesia with systemic analgesia for postthoracotomy pain relief in children: a prospective randomized trial.	2005	Anesthesiology	Naja, Zouheir M; Raf, Martin; El Rajab, Mariam; Ziade, Fouad M; Al Tannir, Mohamad A; Lonnqvist, Per Arne				46
16129985	Chronobiology of subarachnoid fentanyl for labor analgesia.	2005	Anesthesiology	Pan, Peter H; Lee, Sherman; Harris, Lynne		Y		27
16128305	The horror of undertreated pain.	2005	Hospitals & Health Networks	Odell, Rochelle		Y		0

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16126920	Pain control requirements for percutaneous ablation of renal tumors: cryoablation versus radiofrequency ablation--initial observations.	2005	Radiology	Allaf, Mohamad E; Varkarakis, Ioannis M; Bhayani, Sam B; Inagaki, Takeshi; Kavoussi, Louis R; Solomon, Stephen B		Y		108
16116017	Combined therapy with clonidine and amantadine may act in two stages of glutamate-mediated neuropathic pain caused by a needle puncture in an upper extremity.	2005	Anesthesia And Analgesia	Inomata, Shinichi; Kakiuchi, Yoshihiro; Miyabe, Masayuki; Ohara, Yuki; Sukegawa, Iwao; Osaka, Yoshiko; Kohda, Yukinao; Toyooka, Hidenori		Y		0
16116011	Continuous intra- and postoperative thoracic epidural analgesia attenuates brain natriuretic peptide release after major abdominal surgery.	2005	Anesthesia And Analgesia	Suttner, Stefan; Lang, Katrin; Piper, Swen N; Schultz, Harald; Rohm, Kerstin D; Boldt, Joachim		Y		29
16116010	The effects of femoral nerve blockade in conjunction with epidural analgesia after total knee arthroplasty.	2005	Anesthesia And Analgesia	YaDeau, Jacques T; Cahill, Janet B; Zavadsky, Mark W; Sharrock, Nigel E; Bottner, Friedrich; Morelli, Christine M; Kahn, Richard L; Sculco, Thomas P				63
16116007	Postoperative epidural morphine for postpartum tubal ligation analgesia.	2005	Anesthesia And Analgesia	Marcus, R-Jay L; Wong, Cynthia A; Lehor, Amy; McCarthy, Robert J; Yaghmour, Edward; Yilmaz, Meltem				12
16115996	Long-term changes in the antinociceptive potency of morphine or dexametomidine after a single treatment.	2005	Anesthesia And Analgesia	Hovarth, Gyongyi; Kekesi, Gabriella; Dobos, Ildiko; Klimscha, Walter; Benedek, Gyorgy				12
16115991	Determining the plasma concentration of ketamine that enhances epidural bupivacaine-and-morphine-induced analgesia.	2005	Anesthesia And Analgesia	Suzuki, Manzo; Kinoshita, Takao; Kikutani, Takehiko; Yokoyama, Kenji; Inagi, Toshiichiro; Sugimoto, Kikuzo; Haraguchi, Shuji; Hisayoshi, Takao; Shimada, Yoichi				18
16107619	Medical marijuana and the Supreme Court.	2005	The New England Journal Of Medicine	Okie, Susan		Y		17
16100856	NSAIDs alone or with opioids as therapy for cancer pain.	2005	American Family Physician	Potter, Michael B		Y		4
16094585	The analgesic efficacy of intravenous versus oral tramadol for preventing postoperative pain after third molar surgery.	2005	Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Ong, Cliff K S; Lirk, Phillip; Tan, Juliana M H; Sow, Belle W Y				33
16094580	Pain medication as an indicator of interference with lifestyle and oral function during recovery after third molar surgery.	2005	Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Snyder, McKenzie; Shugars, Daniel A; White, Raymond P; Phillips, Ceib				28
16094063	Clonidine increases duration of bupivacaine caudal analgesia for ureteroneocystostomy: a double-blind prospective trial.	2005	The Journal Of Urology	Tripi, Paul A; Palmer, Jeffrey S; Thomas, Susan; Elder, Jack S		Y		30
16093996	A double-blind, placebo controlled comparison of the morphine sparing effect of oral rofecoxib and diclofenac for acute renal colic.	2005	The Journal Of Urology	Engeler, Daniel S; Ackermann, Daniel K; Osterwalder, Joseph J; Keel, Alex; Schmid, Hans-Peter		Y		12
16093986	Robotic assisted laparoscopic radical prostatectomy versus retroperitoneal radical prostatectomy: a prospective assessment of postoperative pain.	2005	The Journal Of Urology	Webster, Todd M; Herrell, S Duke; Chang, Sam S; Cookson, Michael S; Baumgartner, Roxelyn G; Anderson, Laura W; Smith, Joseph A Jr		Y		133
16087894	Herpes zoster and the prevention of postherpetic neuralgia: beyond antiviral therapy.	2005	Neurology	Tenser, Richard B; Dworkin, Robert H		Y		11
16087826	Barriers and facilitators to primary care or human immunodeficiency virus clinics providing methadone or buprenorphine for the management of opioid dependence.	2005	Archives Of Internal Medicine	Turner, Barbara J; Laine, Christine; Lin, Yi-Ting; Lynch, Kevin				50
16087757	Supportive care for patients with Guillain-Barre syndrome.	2005	Archives Of Neurology	Hughes, Richard A C; Wijdicks, Eelco F M; Benson, Estelle; Cornblath, David R; Hahn, Angelika F; Meythaler, Jay M; Sladky, John T; Barohn, Richard J; Stevens, James C		Y		140
16085634	The effect of intra-articular methadone on postoperative pain following anterior cruciate ligament reconstruction.	2005	The Journal Of Bone And Joint Surgery, American Volume	Muratli, Hasan Hilmi; Muratli, Serife Nurse; Bicimoglu, Ali; Gogus, Nermi		Y		12
16084239	Novel pain relief via marine snails.	2005	Lancet (London, England)	Sharp, David		Y		8
16082646	Impact of fibromyalgia pain on health-related quality of life before and after treatment with tramadol/acetaminophen.	2005	Arthritis And Rheumatism	Bennett, Robert M; Schein, Jeff; Kosinski, Mark R; Hewitt, David J; Jordan, Donna M; Rosenthal, Norman R				133
16077414	Improved pain management outcomes with continuous infusion of a local anesthetic after thoracotomy.	2005	The Journal Of Thoracic And Cardiovascular Surgery	Wheatley, Grayson H 3rd; Rosenbaum, David H; Paul, Michelle C; Dine, Alan P; Wait, Michael A; Meyer, Dan M; Jessen, Michael E; Ring, W Steves; DiMaio, J Michael				69
16055569	Use of a bupivacaine continuous wound infusion system in gynecologic oncology: a randomized trial.	2005	Obstetrics And Gynecology	Kushner, David M; LaGalbo, Regina; Connor, Joseph P; Chappell, Rick; Stewart, Sarah L; Hartenbach, Ellen M		Y		32
16052595	A randomized, double-blind, placebo-controlled trial of pramipexole, a dopamine agonist, in patients with fibromyalgia receiving concomitant medications.	2005	Arthritis And Rheumatism	Holman, Andrew J; Myers, Robin R		Y		256
16052121	Effects of pain and audiovisual stimulation on the opioid-induced depression of the hypoxic ventilatory response.	2005	Anesthesiology	Karan, Suzanne; Voter, William; Palmer, Linda; Ward, Denham S				9
16052115	Fentanyl attenuates alpha1B-adrenoceptor-mediated pulmonary artery contraction.	2005	Anesthesiology	Sohn, Ju-Tae; Ding, Xueqin; McCune, Daniel F; Perez, Dianne M; Murray, Paul A		Y		Not found on Microsoft Academic

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16047470	Electroacupuncture reduces rectal distension-induced blood pressure changes in conscious dogs.	2005	Digestive Diseases And Sciences	Iwa, Masahiro; Strickland, Carmen; Nakade, Yukimi; Pappas, Theodore N; Takahashi, Toku		Y		24
16037178	Intraarticular patient-controlled regional anesthesia after arthroscopically assisted anterior cruciate ligament reconstruction: ropivacaine/morphine/ketorolac versus ropivacaine/morphine.	2005	Anesthesia And Analgesia	Vintar, Neli; Rawal, Narinder; Veselko, Matjaz		Y		47
16037177	The short-lasting analgesia and long-term antihyperalgesic effect of intrathecal clonidine in patients undergoing colonic surgery.	2005	Anesthesia And Analgesia	De Kock, Marc; Lavand'homme, Patricia; Waterloos, Hilde				87
16037164	The efficacy and safety of pain management before and after implementation of hospital-wide pain management standards: is patient safety compromised by treatment based solely on numerical pain ratings?	2005	Anesthesia And Analgesia	Vila, Hector Jr; Smith, Robert A; Augustyniak, Michael J; Nagl, Peter A; Soto, Roy G; Ross, Thomas W; Cantor, Alan B; Strickland, Jennifer M; Miguel, Rafael V	Y			167
16037150	Preoperative "fentanyl challenge" as a tool to estimate postoperative opioid dosing in chronic opioid-consuming patients.	2005	Anesthesia And Analgesia	Davis, Jennifer J; Swenson, Jeffrey D; Hall, Robert H; Dillon, Jeffrey D; Johnson, Ken B; Egan, Talmage D; Pace, Nathan L; Niu, Su-Yi		Y		22
16037146	The effect of different isoflurane-fentanyl dose combinations on early recovery from anesthesia and postoperative adverse effects.	2005	Anesthesia And Analgesia	Munoz, Hernan R; Altermatt, Fernando R; Gonzalez, Julio A; Leon, Paula J		Y		5
16037145	Remifentanil as a single drug for extracorporeal shock wave lithotripsy: a comparison of infusion doses in terms of analgesic potency and side effects.	2005	Anesthesia And Analgesia	Medina, Hector J; Galvin, Eilish M; Dirckx, Maaike; Banwarie, Preveen; Ubben, Johannes F H; Zijlstra, Freek J; Klein, Jan; Verbrugge, Serde J C				31
16029233	Tramadol-induced hyponatraemia following unicompartmental knee replacement surgery.	2005	Anaesthesia	Udy, A; Deacy, N; Barnes, D; Sigston, P		Y		15
16006900	Is there a role for antimuscarinics in renal colic? A randomized controlled trial.	2005	The Journal Of Urology	Holdgate, Anna; Oh, Carissa M		Y		39
15983468	Sex- and age-related differences in morphine requirements for postoperative pain relief.	2005	Anesthesiology	Aubrun, Frederic; Salvi, Nadege; Coriat, Pierre; Riou, Bruno				166
15983467	Remifentanil-induced postoperative hyperalgesia and its prevention with small-dose ketamine.	2005	Anesthesiology	Joly, Vincent; Richebe, Philippe; Guignard, Bruno; Fletcher, Dominique; Maurette, Pierre; Sessler, Daniel I; Chauvin, Marcel				424
15983465	Alfentanil and placebo analgesia: no sex differences detected in models of experimental pain.	2005	Anesthesiology	Olofsson, Erik; Romberg, Raymonda; Bijl, Hans; Mooren, Rene; Engbers, Frank; Kest, Benjamin; Dahan, Albert				60
15983463	Reduction of postincisional allodynia by subcutaneous bupivacaine: findings with a new model in the hairy skin of the rat.	2005	Anesthesiology	Duarte, Adriana M; Pospisilova, Eva; Reilly, Erin; Mujenda, Florence; Hamaya, Yoshihiro; Strichartz, Gary R				72
15981312	Morphine, gabapentin, or their combination for neuropathic pain.	2005	The New England Journal Of Medicine	Tesfaye, Solomon; Selvarajah, Dinesh		Y		848
15978464	Pain management after hernia repair.	2005	Journal Of The American College Of Surgeons	Bagley, Frederick H; Louras, John C; Conway, Matthew A		Y		0
15976786	Association of intravenous morphine use and outcomes in acute coronary syndromes: results from the CRUSADE Quality Improvement Initiative.	2005	American Heart Journal	Meine, Trip J; Roe, Matthew T; Chen, Anita Y; Patel, Manesh R; Washam, Jeffrey B; Ohman, E Magnus; Peacock, W Frank; Pollack, Charles V Jr; Gibler, W Brian; Peterson, Eric D				170
15976769	Morpheus, god of sleep or god of death?	2005	American Heart Journal	Verheugt, Freek W A		Y		2
15976242	In with the new, out with the old? Comparison of two approaches for psoas compartment block.	2005	Anesthesia And Analgesia	Mannion, Stephen; O'Callaghan, Sheila; Walsh, Mary; Murphy, Damian B; Shorten, George D		Y		37
15976235	The comparative evaluation of gabapentin and carbamazepine for pain management in Guillain-Barre syndrome patients in the intensive care unit.	2005	Anesthesia And Analgesia	Pandey, Chandra Kant; Raza, Mehd; Tripathi, Mukesh; Navkar, Deepa V; Kumar, Abhishek; Singh, Uttam K		Y		64
15976212	Intravenous acetaminophen (paracetamol): comparable analgesic efficacy, but better local safety than its prodrug, propacetamol, for postoperative pain after third molar surgery.	2005	Anesthesia And Analgesia	Moller, Philip Lange; Juhi, Gitte Irene; Payen-Champenois, Catherine; Skoglund, Lasse Ansgar				76
15976211	Perioperative rofecoxib plus local anesthetic field block diminishes pain and recovery time after outpatient inguinal hernia repair.	2005	Anesthesia And Analgesia	Pavlin, Dorothy J; Pavlin, Edward G; Horvath, Karen D; Amundsen, Laure B; Flum, David R; Roosen, Kristine				13
15976210	Spinal anesthesia with hyperbaric levobupivacaine and ropivacaine for outpatient knee arthroscopy: a prospective, randomized, double-blind study.	2005	Anesthesia And Analgesia	Cappelleri, Gianluca; Aldegheri, Giorgio; Danelli, Giorgio; Marchetti, Chiara; Nuzzi, Massimiliano; Iannadrea, Gabriella; Casati, Andrea		Y		76
15976207	Sugar solution analgesia: the effects of glucose on expressed mu opioid receptors.	2005	Anesthesia And Analgesia	Kracke, George R; Uthoff, Katherine A; Tobias, Joseph D		Y		25
15976206	Ondansetron oral disintegrating tablets: acceptability and efficacy in children undergoing adenotonsillectomy.	2005	Anesthesia And Analgesia	Cohen, Ira Todd; Joffe, Denise; Hummer, Kelly; Soluri, Alice				27
15973098	Stapled hemorrhoidopexy versus milligan-morgan hemorrhoidectomy: a prospective, randomized, multicenter trial with 2-year postoperative follow up.	2005	Annals Of Surgery	Gravie, Jean Francois; Lehur, Paul-Antoine; Huten, Noel; Papillon, Marc; Fantoli, Michel; Descombes, Bernard; Pessaux, Patrick; Arnaud, Jean-Pierre		Y		131

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15972877	Morphine, gabapentin, or their combination for neuropathic pain.	2005	The New England Journal Of Medicine	Baillie, J Kenneth; Power, Ian		Y		848
15972567	Efficacy and safety of opioid agonists in the treatment of neuropathic pain of nonmalignant origin: systematic review and meta-analysis of randomized controlled trials.	2005	JAMA	Eisenberg, Elon; McNicol, Ewan D; Carr, Daniel B		Y		336
15957994	The impact of intrapartum analgesia on infant feeding.	2005	BJOG : An International Journal Of Obstetrics And Gynaecology	Jordan, Sue; Emery, Simon; Bradshaw, Ceri; Watkins, Alan; Friswell, Wendy				56
15954515	Ludwig's angina: an uncommon cause of chest pain.	2005	Southern Medical Journal	Ocasio-Tascon, Maria Elena; Martinez, Miriam; Cedeno, Arturo; Torres-Palacios, Alfonso; Alicea, Edwin; Rodriguez-Cintron, William		Y		6
15954053	Cognitive complaints are associated with depression, fatigue, female sex, and pain catastrophizing in patients with chronic pain.	2005	Archives Of Physical Medicine And Rehabilitation	Roth, Randy S; Geisser, Michael E; Theisen-Goodwin, Mary; Dixon, Pamela J		Y		89
15944986	Anesthetic management of a child with congenital insensitivity to pain with anhydrosis.	2005	Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Ku, Albert S W; Rodrigo, Chandra R; To, Peter C Y		Y		8
15940632	Rectal instillation of butyrate provides a novel clinically relevant model of noninflammatory colonic hypersensitivity in rats.	2005	Gastroenterology	Bourdu, Sophie; Dapoigny, Michel; Chapuy, Eric; Artigue, Fabrice; Vasson, Marie-Paule; Dechelotte, Pierre; Bommeleer, Gilles; Eschalié, Alain; Ardid, Denis				126
15936427	Palliative care in sub-Saharan Africa.	2005	Lancet (London, England)	Harding, Richard; Higginson, Irene J				153
15930209	Morphine does not provide adequate analgesia for acute procedural pain among preterm neonates.	2005	Pediatrics	Carbajal, Ricardo; Lencioni, Richard; Jugie, Myriam; Paupe, Alain; Barton, Bruce A; Anand, Kanwaljeet J S				195
15923838	The efficacy of continuous local anesthetic infiltration in breast surgery: reduction mammoplasty and reconstruction.	2005	Plastic And Reconstructive Surgery	Lu, Leonard; Fine, Neil A		Y		42
15920207	Age-dependent opioid escalation in chronic pain patients.	2005	Anesthesia And Analgesia	Buntin-Mushock, Chante; Phillip, Lisa; Moriyama, Kumi; Palmer, Pamela Pierce		Y		69
15920206	Age-dependent morphine tolerance development in the rat.	2005	Anesthesia And Analgesia	Wang, Yan; Mitchell, James; Moriyama, Kumi; Kim, Ki-jun; Sharma, Manohar; Xie, Guo-xi; Palmer, Pamela Pierce				41
15920205	Tolerance and aging: optimizing analgesia in pain management.	2005	Anesthesia And Analgesia	Agin, Carole W; Glass, Peter S A		Y		5
15919319	Paravertebral block with ropivacaine 0.5% versus systemic analgesia for pain relief after thoracotomy.	2005	The Annals Of Thoracic Surgery	Marret, Emmanuel; Bazelly, Bernard; Taylor, Guillaume; Lembert, Nadège; Deleuze, Arnaud; Mazoit, Jean-Xavier; Bonnet, Francis J		Y		62
15919269	Thoracic epidural versus intercostal nerve catheter plus patient-controlled analgesia: a randomized study.	2005	The Annals Of Thoracic Surgery	Luketich, James D; Land, Stephanie R; Sullivan, Erin A; Alvelo-Rivera, Miguel; Ward, Julie; Buenaventura, Percival O; Landreneau, Rodney J; Hart, Lee A; Fernando, Hiran C Haugh, Richard				42
15916345	Hospitals and clinicians confront a new imperative: pain management.	2005	Hospitals & Health Networks			Y		8
15915040	Effects of nonsteroidal antiinflammatory drugs on patient-controlled analgesia morphine side effects: meta-analysis of randomized controlled trials.	2005	Anesthesiology	Marret, Emmanuel; Kurdi, Okba; Zufferey, Paul; Bonnet, Francis				422
15915038	Effects of remifentanil on N-methyl-D-aspartate receptor: an electrophysiologic study in rat spinal cord.	2005	Anesthesiology	Guntz, Emmanuel; Dumont, Helene; Roussel, Celine; Gall, David; Dufrasne, Francois; Cuvelier, Laetitia; Blum, David; Schiffmann, Serge N; Sosnowski, Maurice				48
15915033	Effect of postoperative epidural analgesia on rehabilitation and pain after hip fracture surgery: a randomized, double-blind, placebo-controlled trial.	2005	Anesthesiology	Foss, Nicolai Bang; Kristensen, Morten Tange; Kristensen, Billy Bjarne; Jensen, Pia Soe; Kehlet, Henrik				107
15915017	Postoperative opioid sparing to hasten recovery: what are the issues?	2005	Anesthesiology	Kehlet, Henrik		Y		116
15903130	Interpretation of opioid levels: comparison of levels during chronic pain therapy to levels from forensic autopsies.	2005	Clinical Pharmacology And Therapeutics	Jung, Beth F; Reidenberg, Marcus M				31
15903129	Paroxetine, a cytochrome P450 2D6 inhibitor, diminishes the stereoselective O-demethylation and reduces the hypoalgesic effect of tramadol.	2005	Clinical Pharmacology And Therapeutics	Laugesen, S; Enggaard, T P; Pedersen, R S; Sindrup, S H; Brosen, K				80
15891317	Dexmedetomidine does not improve patient satisfaction when compared with propofol during mechanical ventilation.	2005	Critical Care Medicine	Corbett, Stephanie Mallow; Rebuck, Jill A; Greene, Christopher M; Callas, Peter W; Neale, Bruce W; Healey, Mark A; Leavitt, Bruce J				79
15887435	36-Year-old woman with loss of consciousness, fever, and tachycardia.	2005	Mayo Clinic Proceedings	Freeman, William D; Chabolla, David R		Y		3
15877482	Chronic pain management in older adults: with coxibs under fire, what now?	2005	Geriatrics	Schneider, Jennifer P		Y		14
15871991	Venepuncture is preferable to heel lance for blood sampling in term neonates.	2005	Archives Of Disease In Childhood. Fetal And Neonatal Edition	Ogawa, S; Ogihara, T; Fujiwara, E; Ito, K; Nakano, M; Nakayama, S; Hachiya, T; Fujimoto, N; Abe, H; Ban, S; Ikeda, E; Tamai, H		Y		46
15867057	Morphine, hypotension, and intraventricular hemorrhage in the ventilated premature infant.	2005	Pediatrics	Perlman, Jeffrey M		Y		5

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15864247	Patients with heart failure who die in hospice.	2005	American Heart Journal	Zambroski, Cheryl Hoyt; Moser, Debra K; Roser, Lynn P; Heo, Seongkum; Chung, Misook L; Manassa, Edouard H; Hellmich, Susanne; Ronert, Marc; Hofheinz, Holger; Olbrisch, Rolf-Ruediger		Y		52
15861079	Pain management after lipoplasty: a study of 303 cases.	2005	Plastic And Reconstructive Surgery	Viscusi, Eugene R; Martin, Gavin; Hartrick, Craig T; Singla, Neill; Manvelian, Garen		Y		4
15851890	Forty-eight hours of postoperative pain relief after total hip arthroplasty with a novel, extended-release epidural morphine formulation.	2005	Anesthesiology	Nelson, Kenneth E; Eisenach, James C		Y		105
15851889	Intravenous butorphanol, meperidine, and their combination relieve pain and distress in women in labor.	2005	Anesthesiology	Guay, Joanne		Y		31
15845741	Peripheral nerve blocks for postoperative pain relief after total knee replacement: more questions than answers.	2005	Anesthesia And Analgesia	Morin, Astrid M; Eberhart, Leopold H J; Behnke, Hagen K E; Wagner, Stefanie; Koch, Tilo; Wolf, Udo; Nau, Walter; Kill, Clemens; Geldner, Gotz; Wulf, Hinrich		Y		5
15845715	Does femoral nerve catheter placement with stimulating catheters improve effective placement? A randomized, controlled, and observer-blinded trial.	2005	Anesthesia And Analgesia	Menigaux, Christophe; Adam, Frederic; Guignard, Bruno; Sessler, Daniel I; Chauvin, Marcel				58
15845693	Preoperative gabapentin decreases anxiety and improves early functional recovery from knee surgery.	2005	Anesthesia And Analgesia	Yeh, Chun-Chang; Jao, Shu-Wen; Huh, Billy K; Wong, Chih-Shung; Yang, Chih-Ping; White, William D; Wu, Ching-Tang		Y		173
15845691	Preincisional dextromethorphan combined with thoracic epidural anesthesia and analgesia improves postoperative pain and bowel function in patients undergoing colonic surgery.	2005	Anesthesia And Analgesia	Beausier, M; Weickmans, H; Paugam, C; Lavazais, S; Baechle, J P; Goater, P; Buffin, A; Loriferne, J F; Perier, J F; Didelot, J P; Mosbah, A; Said, R; Lienhart, A		Y		28
15845675	A randomized, double-blind comparison between parecoxib sodium and propacetamol for parenteral postoperative analgesia after inguinal hernia repair in adult patients.	2005	Anesthesia And Analgesia	Sanders, Robert D; Giombini, Mariangella; Ma, Daqing; Ohashi, Yoko; Hossain, Mahmuda; Fujinaga, Masahiko; Maze, Mervyn				27
15845672	Dexmedetomidine exerts dose-dependent age-independent antinociception but age-dependent hypnosis in Fischer rats.	2005	Anesthesia And Analgesia	Hammer, Gregory B; Ramamoorthy, Chandra; Cao, Hong; Williams, Glyn D; Boltz, M Gail; Kamra, Komal; Drover, David R				23
15845670	Postoperative analgesia after spinal blockade in infants and children undergoing cardiac surgery.	2005	Anesthesia And Analgesia	Steinlechner, Barbara; Koenig, Herbert; Grubhofer, Georg; Ponschab, Martin; Eiselmair, Silvia; Dworschak, Martin; Rajek, Angela		Y		29
15845659	Postoperative analgesia with remifentanil in patients undergoing cardiac surgery.	2005	Anesthesia And Analgesia	Thompson, A Reed; Wolfe, Jonathan J		Y		8
15833467	Chronic pain management in the surgical patient.	2005	The Surgical Clinics Of North America	Toombs, James D; Kral, Lee A		Y		6
15832538	Methadone treatment for pain states.	2005	American Family Physician	Morgan, V; Pickens, D; Gautam, S; Kessler, R; Mertz, H		Y		74
15831901	Amitriptyline reduces rectal pain related activation of the anterior cingulate cortex in patients with irritable bowel syndrome.	2005	Gut	Dykstra, Dennis D; Mendez, Alejandro; Chappuis, Diane; Baxter, Tanya; DesLauriers, Lorie; Stuckey, Mark		Y		200
15827940	Treatment of cervical dystonia and focal hand dystonia by high cervical continuously infused intrathecal baclofen: a report of 2 cases.	2005	Archives Of Physical Medicine And Rehabilitation	Lane, S; Evans, P; Arfeen, Z; Misra, U		Y		21
15819765	A comparison of intrathecal fentanyl and diamorphine as adjuncts in spinal anaesthesia for Caesarean section.	2005	Anaesthesia	Bowrey, S; Hamer, J; Bowler, I; Symonds, C; Hall, J E		Y		15
15819764	A comparison of 0.2 and 0.5 mg intrathecal morphine for postoperative analgesia after total knee replacement.	2005	Anaesthesia	Pattinson, K T S; Bowes, M; Wise, R G; Parkes, M J; Morell, M J		Y		28
15819760	Evaluation of a non-invasive method of assessing opioid induced respiratory depression.	2005	Anaesthesia	Kahn, Jeremy M; Andersson, Liane; Karir, Veena; Polissar, Nayak L; Neff, Margaret J; Rubenfeld, Gordon D				3
15818103	Low tidal volume ventilation does not increase sedation use in patients with acute lung injury.	2005	Critical Care Medicine	Bowen, Michael E; Poehling, Katherine A; Gunn, Veronica L; Carroll, Kecia N; Callahan, S Todd; Arbogast, Patrick G; Cooper, William O				98
15809383	Does the use of oxycodone affect diagnostic accuracy in children with acute abdominal pain?	2005	Archives Of Pediatrics & Adolescent Medicine	Kokki, Hannu; Lintula, Hannu; Vanamo, Kari; Heiskanen, Marjut; Eskelinen, Matti		Y		3
15809382	Oxycodone vs placebo in children with undifferentiated abdominal pain: a randomized, double-blind clinical trial of the effect of analgesia on diagnostic accuracy.	2005	Archives Of Pediatrics & Adolescent Medicine	McClain, Brenda C; Kain, Zeev N		Y		54
15805387	Procedural pain in neonates: the new millennium.	2005	Pediatrics	Gardin, Maria; Schollin, Jens		Y		14
15805377	The role of endogenous opioids in mediating pain reduction by orally administered glucose among newborns.	2005	Pediatrics	Raja, Srinivasa N; Haythornthwaite, Jennifer A		Y		58
15800235	Combination therapy for neuropathic pain—which drugs, which combination, which patients?	2005	The New England Journal Of Medicine	Gilron, Ian; Bailey, Joan M; Tu, Dongsheng; Holden, Ronald R; Weaver, Donald F; Houlden, Robyn L		Y		37
15800228	Morphine, gabapentin, or their combination for neuropathic pain.	2005	The New England Journal Of Medicine	Kieninger, Alicia N; Bair, Holly A; Bendick, Phillip J; Howells, Greg A		Y		848
15792761	Epidural versus intravenous pain control in elderly patients with rib fractures.	2005	American Journal Of Surgery			Y		47

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15792748	Randomized controlled trial comparing the controlled rehabilitation with early ambulation and diet pathway versus the controlled rehabilitation with early ambulation and diet with preemptive epidural anesthesia/analgesia after laparotomy and intestinal resection.	2005	American Journal Of Surgery	Zutshi, Massarat; Delaney, Conor P; Senagore, Anthony J; Mekhail, Nagy; Lewis, Brenda; Connor, Jason T; Fazio, Victor W		Y		132
15791114	Spinal glucocorticoid receptors contribute to the development of morphine tolerance in rats.	2005	Anesthesiology	Lim, Grewo; Wang, Shuxing; Zeng, Qing; Sung, Backil; Mao, Jianren		Y		31
15791113	Efficacy and safety of single and repeated administration of 1 gram intravenous acetaminophen injection (paracetamol) for pain management after major orthopedic surgery.	2005	Anesthesiology	Sinatra, Raymond S; Jahr, Jonathan S; Reynolds, Lowell W; Viscusi, Eugene R; Groudine, Scott B; Payen-Champenois, Catherine	Y			284
15791112	Randomized, double-blind study of the analgesic efficacy of morphine-6-glucuronide versus morphine sulfate for postoperative pain in major surgery.	2005	Anesthesiology	Hanna, Magdi H; Elliott, Kate M; Fung, Michelle		Y		51
15789316	Evaluation of patient-controlled remifentanil application in third molar surgery.	2005	Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Esen, Emin; Ustun, Yakup; Balcioglu, Y Okan; Alparslan, Z Nazan		Y		13
15781537	Single-dose, sustained-release epidural morphine in the management of postoperative pain after elective cesarean delivery: results of a multicenter randomized controlled study.	2005	Anesthesia And Analgesia	Carvalho, Brendan; Riley, Edward; Cohen, Sheila E; Gambling, David; Palmer, Craig; Huffnagle, H Jane; Polley, Linda; Muir, Holly; Segal, Scott; Lihou, Christine; Manvelian, Garen				80
15781527	Spinal opioid receptor like1 receptor agonist, but not N-methyl-D-aspartic acid antagonist, reverses the secondary mechanical allodynia induced by intradermal injection of capsaicin in rats.	2005	Anesthesia And Analgesia	Nozaki-Taguchi, Natsuko; Yamamoto, Tatsuo				8
15781524	A comparison of Depodur, a novel, single-dose extended-release epidural morphine, with standard epidural morphine for pain relief after lower abdominal surgery.	2005	Anesthesia And Analgesia	Gambling, David; Hughes, Thomas; Martin, Gavin; Horton, William; Manvelian, Garen				93
15781518	RGS proteins: new players in the field of opioid signaling and tolerance mechanisms.	2005	Anesthesia And Analgesia	Xie, Guo-xi; Palmer, Pamela Pierce				44
15781509	Peripheral nerve blocks result in superior recovery profile compared with general anesthesia in outpatient knee arthroscopy.	2005	Anesthesia And Analgesia	Hadzic, Admir; Karaca, Pelin Emine; Hobeika, Paul; Unis, George; Dermikian, Jeffrey; Yufa, Marina; Claudio, Richard; Vloka, Jerry D; Santos, Alan C; Thys, Daniel M				106
15781505	The effects of a small-dose naloxone infusion on opioid-induced side effects and analgesia in children and adolescents treated with intravenous patient-controlled analgesia: a double-blind, prospective, randomized, controlled study.	2005	Anesthesia And Analgesia	Maxwell, Lynne G; Kaufmann, Sandra C; Bitzer, Sally; Jackson, Eric V Jr; McGready, John; Kost-Byerly, Sabine; Kozlowski, Lori; Rothman, Sharon K; Yaster, Myron				127
15781499	Epidural anesthesia for coronary artery bypass surgery compared with general anesthesia alone does not reduce biochemical markers of myocardial damage.	2005	Anesthesia And Analgesia	Barrington, Michael J; Kluger, Roman; Watson, Robert; Scott, David A; Harris, Karen J				41
15775011	Managing osteoarthritis of the knee: opioids help manage pain in osteoarthritis.	2005	BMJ (Clinical Research Ed.)	Johnson, Martin		Y		1
15768621	Oral analgesics for acute nonspecific pain.	2005	American Family Physician	Sachs, Carolyn J		Y		67
15768485	Re: Nov/Dec 2004 article "New guidance issued for opioid pain medication".	2005	CA: A Cancer Journal For Clinicians			Y		Not found on Microsoft Academic
15767975	Palladone for chronic pain.	2005	The Medical Letter On Drugs And Therapeutics			Y		Not found on Microsoft Academic
15764791	A 46-year-old man with excruciating shoulder pain.	2005	Chest	Olafrsson, Eric J; Zeni, Tallal; Wilkes, David S		Y		5
15761800	Rehabilitation of orthopedic and rheumatologic disorders. 1. Osteoporosis assessment, treatment, and rehabilitation.	2005	Archives Of Physical Medicine And Rehabilitation	Kaplan, Robert J; Vo, Andrew N; Stitik, Todd P; Kamen, Leonard B; Bitar, Ali A; Shih, Vivian C		Y		Not found on Microsoft Academic
15746669	Recognition and treatment of irritable bowel syndrome among women with chronic pelvic pain.	2005	American Journal Of Obstetrics And Gynecology	Williams, Rachel E; Hartmann, Katherine E; Sandler, Robert S; Miller, William C; Savitz, Lucy A; Steege, John F				39
15741619	The effect of cyclooxygenase-2 inhibition on analgesia and spinal fusion.	2005	The Journal Of Bone And Joint Surgery. American Volume	Reuben, Scott S; Ekman, Evan F				88
15735054	The association of acetaminophen, aspirin, and ibuprofen with respiratory disease and lung function.	2005	American Journal Of Respiratory And Critical Care Medicine	McKeever, Tricia M; Lewis, Sarah A; Smit, Henriette A; Burney, Peter; Britton, John R; Cassano, Patricia A				86
15731611	Intrathecal catheter tip inflammatory mass: a failure of clonidine to protect.	2005	Anesthesiology	Toombs, James D; Follett, Kenneth A; Rosenquist, Richard W; Benton, Lisa M				34
15731605	Minimum local analgesic doses of ropivacaine, levobupivacaine, and bupivacaine for intrathecal labor analgesia.	2005	Anesthesiology	Camorcia, Michela; Capogna, Giorgio; Columb, Malachy O				80
15731588	Polymorphism of mu-opioid receptor gene (OPRM1:c.118A>G) does not protect against opioid-induced respiratory depression despite reduced analgesic response.	2005	Anesthesiology	Romburg, Raymonda R; Olofsen, Erik; Bijl, Hans; Taschner, Peter E M; Teppema, Luc J; Sarton, Elise Y; van Kleef, Jack W; Dahan, Albert				Not found on Microsoft Academic

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15728657	The role of opioids in restless legs syndrome: an [ <sup>11</sup> C]diprenorphine PET study.	2005	Brain : A Journal Of Neurology	von Spiczak, Sarah; Whone, Alan L; Hammers, Alexander; Asselin, Marie-Claude; Turkheimer, Federico; Tings, Tobias; Happe, Svenja; Paulus, Walter; Trenkwalder, Claudia; Brooks, David J					112
15728104	Pain reduction by IV butorphanol prior to propofol.	2005	Anesthesia And Analgesia	Lippmann, Maurice; Kakazu, Clinton Z			Y		0
15728081	Intravenous but not perineural clonidine prolongs postoperative analgesia after psoas compartment block with 0.5% levobupivacaine for hip fracture surgery.	2005	Anesthesia And Analgesia	Mannion, Stephen; Hayes, Ivan; Loughnane, Frank; Murphy, Damian B; Shorten, George D			Y		42
15728070	The clinical effect of small oral clonidine doses on perioperative outcomes in patients undergoing abdominal hysterectomy.	2005	Anesthesia And Analgesia	Hidalgo, Maria Paz Loayza; Auzani, Jorge Alberto Szimanski; Rumpel, Leandro Carpenedo; Moreira, Nivio Lemos Jr; Cursino, Arthur Werneck Costa; Caumo, Wolnei Likar, Rudolf; Sittl, Reinhard					39
15728068	Transdermal buprenorphine for treating nociceptive and neuropathic pain: four case studies.	2005	Anesthesia And Analgesia	Ong, Cliff K-S; Lirk, Philipp; Seymour, Robin A; Jenkins, Brian J			Y		44
15728066	The efficacy of preemptive analgesia for acute postoperative pain management: meta-analysis.	2005	Anesthesia And Analgesia	Levin, German Z; Tabor, Dale R			Y		445
15725793	Paraplegia secondary to progressive necrotic myelopathy in a patient with an implanted morphine pump.	2005	American Journal Of Physical Medicine & Rehabilitation	Masedo, Ana I; Hanley, Marisol; Jensen, Mark P; Ehde, Dawn; Cardenas, Diana D			Y		9
15725790	Reliability and validity of a self-report FIM (FIM-SR) in persons with amputation or spinal cord injury and chronic pain.	2005	American Journal Of Physical Medicine & Rehabilitation				Y		49
15722783	Issues in opioid management.	2005	American Journal Of Physical Medicine & Rehabilitation	Bloodworth, Donna			Y		41
15716567	Pain relief during labor.	2005	The New England Journal Of Medicine	Camann, William			Y		42
15716559	The risk of cesarean delivery with neuraxial analgesia given early versus late in labor.	2005	The New England Journal Of Medicine	Wong, Cynthia A; Scavone, Barbara M; Peaceman, Alan M; McCarthy, Robert J; Sullivan, John T; Diaz, Nathaniel T; Yaghmour, Edward; Marcus, R-Jay L; Sherwani, Saadia S; Sproverlo, Michelle T; Yilmaz, Meltem; Patel, Roshani; Robles, Carmen; Grouper, Sharon					251
15713945	Complications of the COX-2 inhibitors parecoxib and valdecoxib after cardiac surgery.	2005	The New England Journal Of Medicine	Nussmeier, Nancy A; Whelton, Andrew A; Brown, Mark T; Langford, Richard M; Hoeft, Andreas; Parlow, Joel L; Boyce, Steven W; Verburg, Kenneth M					917
15681961	Ketamine improves the management of exaggerated postoperative pain observed in perioperative fentanyl-treated rats.	2005	Anesthesiology	Richebe, Philippe; Rivat, Cyril; Laulin, Jean-Paul; Maurette, Pierre; Simonnet, Guy					127
15681960	Intrathecal morphine reduces allodynia after peripheral nerve injury in rats via activation of a spinal A1 adenosine receptor.	2005	Anesthesiology	Zhang, Yong; Conkin, Dawn R; Li, Xinhui; Eisenach, James C			Y		34
15681957	Intraoperative remifentanil infusion does not increase postoperative opioid consumption compared with 70% nitrous oxide.	2005	Anesthesiology	Lee, Libby H Y; Irwin, Michael G; Lui, Siu-Kuen			Y		78
15681956	Continuous infusion of ropivacaine for pain relief after iliac crest bone grafting for shoulder surgery.	2005	Anesthesiology	Blumenthal, Stephan; Dullenkopf, Alexander; Rentsch, Katharina; Borgeat, Alain			Y		76
15673914	Caudal morphine for pain relief in pediatric liver transplantation: did it help?	2005	Anesthesia And Analgesia	Mayhew, James F			Y		1
15673911	Epidural analgesia in advanced cancer patients.	2005	Anesthesia And Analgesia	Linklater, Gordon T; Macaulay, Lisa			Y		5
15673878	Small-dose ketamine infusion improves postoperative analgesia and rehabilitation after total knee arthroplasty.	2005	Anesthesia And Analgesia	Adam, Frederic; Chauvin, Marcel; Du Manoir, Bertrand; Langlois, Mathieu; Sessler, Daniel I; Fletcher, Dominique					99
15673877	The median effective dose of tramadol and morphine for postoperative patients: a study of interactions.	2005	Anesthesia And Analgesia	Marcou, Thi Aurore; Marque, Sophie; Mazoit, Jean-Xavier; Benhamou, Dan					50
15673876	Morphine can enhance the antiallodynic effect of intrathecal R-PIA in rats with nerve ligation injury.	2005	Anesthesia And Analgesia	Hwang, Jai-Hyun; Hwang, Gyu-Sam; Cho, Sung-Kang; Han, Sung-Min					8
15673875	The cyclooxygenase-2-specific inhibitor parecoxib sodium is as effective as 12 mg of morphine administered intramuscularly for treating pain after gynecologic laparotomy surgery.	2005	Anesthesia And Analgesia	Malan, T Philip Jr; Gordon, Stephen; Hubbard, Richard; Snabes, Michael			Y		34
15673874	The interaction effect of perioperative cotreatment with dextromethorphan and intravenous lidocaine on pain relief and recovery of bowel function after laparoscopic cholecystectomy.	2005	Anesthesia And Analgesia	Wu, Ching-Tang; Borel, Cecil O; Lee, Meei-Shyuan; Yu, Jyh-Cherng; Liou, Hang-Seng; Yi, Haun-De; Yang, Chih-Ping					59
15673866	Large concentrations of nitrous oxide decrease the isoflurane minimum alveolar concentration sparing effect of morphine in the rat.	2005	Anesthesia And Analgesia	Santos, Martin; Kuncar, Viviana; Martinez-Taboada, Fernando; Tendillo, Francisco J			Y		12
15664094	Evaluation of continuous infusion of 0.5% bupivacaine by elastomeric pump for postoperative pain management after open inguinal hernia repair.	2005	Journal Of The American College Of Surgeons	LeBlanc, Karl A; Bellanger, Drake; Rhynes, V Keith; Hausmann, Mark					65
15661760	Opioids for persistent non-cancer pain.	2005	BMJ (Clinical Research Ed.)	Kalso, Eija			Y		13
15657321	Diversion and abuse of methadone prescribed for pain management.	2005	JAMA	Cicero, Theodore J; Inciardi, James A			Y		40

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15644658	Sedation algorithm in critically ill patients without acute brain injury.	2005	Critical Care Medicine	De Jonghe, Bernard; Bastuji-Garin, Sylvie; Fangio, Pascal; Lacherade, Jean-Claude; Jabot, Julien; Appere-De-Vechi, Corinne; Rocha, Nathalie; Outin, Hervé		Y		206
15641058	Opioid use by patients in an orthopedics spine clinic.	2005	Arthritis And Rheumatism	Mahowald, Maren L; Singh, Jasvinder A; Majeski, Peter				112
15634825	The effect of intra-articular methadone on postoperative pain following anterior cruciate ligament reconstruction.	2005	The Journal Of Bone And Joint Surgery: American Volume	Stewart, David J; Lambert, Edward W; Stack, Kimberly M; Pellegrini, Joseph; Unger, Daniel V; Hood, Raymond J	Y			12
15626816	Placebos in medicine: is placebo analgesia always in the mind?	2005	BMJ (Clinical Research Ed.)	Au-Yeung, Peter K K		Y		0
15623742	Daily scheduled opioids for intractable head pain: long-term observations of a treatment program.	2004	Neurology	Lockwood, Alan H		Y		83
15623674	Migraine is associated with chest symptoms but not cardiac events: a reassuring paradox.	2004	Neurology	Logroscino, Giancarlo; Lipton, Richard B		Y		3
15618808	Tramadol and vocal cord closure.	2005	Anesthesiology	Fodale, Vincenzo; Mondello, Baldassare; Mirenda, Francesco; Spinelli, Francesco; Santamaria, Letterio B		Y		2
15618806	Efficacy and safety of epidural opioids for postoperative analgesia.	2005	Anesthesiology	Chestnut, David H		Y		5
15618801	Double epidural catheter with ropivacaine versus intravenous morphine: a comparison for postoperative analgesia after scoliosis correction surgery.	2005	Anesthesiology	Blumenthal, Stephan; Min, Kan; Nadig, Marco; Borgeat, Alain		Y		80
15618799	Changes in properties of spinal dorsal horn neurons and their sensitivity to morphine after spinal cord injury in the rat.	2005	Anesthesiology	Wang, Jungang; Kawamata, Mikito; Namiki, Akiyoshi				21
15616085	Inhibition of the stress response to breast cancer surgery by regional anesthesia and analgesia does not affect vascular endothelial growth factor and prostaglandin E2.	2005	Anesthesia And Analgesia	O'Riain, S C; Buggy, D J; Kerin, M J; Watson, R W G; Moriarty, D C				94
15616084	Intrathecal morphine for analgesia after postpartum bilateral tubal ligation.	2005	Anesthesia And Analgesia	Habib, Ashraf S; Muir, Holly A; White, William D; Spahn, Tede E; Olufolabi, Adeyemi J; Breen, Terrance W				20
15616083	Remifentanil: a novel systemic analgesic for labor pain.	2005	Anesthesia And Analgesia	Evron, Shmuel; Glezerman, Marek; Sadan, Oskar; Boaz, Mona; Ezri, Tiberiu		Y		106
15616079	A randomized comparison of three methods of analgesia for chest drain removal in postcardiac surgical patients.	2005	Anesthesia And Analgesia	Akrofi, Maria; Miller, Scott; Colfar, Steve; Corry, Peter R; Fabri, Brian M; Pullan, Mark D; Russell, Glenn N; Fox, Mark A		Y		26
15616073	Nefopam and ketamine comparably enhance postoperative analgesia.	2005	Anesthesia And Analgesia	Kapfer, Barbara; Alfonisi, Pascal; Guignard, Bruno; Sessler, Daniel I; Chauvin, Marcel				78
15616072	The impact of the joint commission for accreditation of healthcare organizations pain initiative on perioperative opiate consumption and recovery room length of stay.	2005	Anesthesia And Analgesia	Frasco, Peter E; Sprung, Juraj; Trentman, Terrence L				83
15616047	Parasternal block and local anesthetic infiltration with levobupivacaine after cardiac surgery with desflurane: the effect on postoperative pain, pulmonary function, and tracheal extubation times.	2005	Anesthesia And Analgesia	McDonald, Susan B; Jacobsohn, Eric; Kopacz, Dan J; Deshpande, Seema; Helman, James D; Salinas, Francis; Hall, R Alan				51
15611488	Acupuncture versus placebo for the treatment of chronic mechanical neck pain: a randomized, controlled trial.	2004	Annals Of Internal Medicine	White, Peter; Lewith, George; Prescott, Phil; Conway, Joy				136
15611483	Summaries for patients. Acupuncture for treatment of chronic neck pain.	2004	Annals Of Internal Medicine			Y	Not found on Microsoft Academic	
15601268	Patient controlled analgesia for labour: a comparison of remifentanil with pethidine.	2005	Anaesthesia	Blair, J M; Dobson, G T; Hill, D A; McCracken, G R; Fee, J P H		Y		106
15596757	Pregabalin relieves symptoms of painful diabetic neuropathy: a randomized controlled trial.	2004	Neurology	Lesser, H; Sharma, U; LaMoreaux, L; Poole, R M				447
15595338	Contemporary management of neuropathic pain for the primary care physician.	2004	Mayo Clinic Proceedings	Chen, Hsiupei; Lamer, Tim J; Rho, Richard H; Marshall, Kenneth A; Sitzman, B Todd; Ghazi, Salim M; Brewer, Randall P	Y			98
15577494	Rapid rehabilitation and recovery with minimally invasive total hip arthroplasty.	2004	Clinical Orthopaedics And Related Research	Berger, Richard A; Jacobs, Joshua J; Meneghini, R Michael; Dell' Valle, Craig; Paprosky, Wayne; Rosenberg, Aaron G				251
15573919	Premedication with tramadol in patients undergoing colonoscopy: a double-blind randomized placebo-controlled study.	2004	Digestive Diseases And Sciences	Grossi, Laurino; Cappello, Giorgio; Marzio, Leonardo		Y		3
15573344	Lower-half facial migraine: a report of 11 cases.	2004	Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Penarrocha, Miguel; Bandres, Alicia; Penarrocha, Maria; Bagan, Jose Vicente		Y		26
15570204	Hand-assisted laparoscopic versus open restorative proctocolectomy with ileal pouch anal anastomosis: a randomized trial.	2004	Annals Of Surgery	Maartense, Stefan; Dunker, Michalda S; Slors, J Frederick; Cuesta, Miguel A; Gouma, Dirk J; van Deventer, Sander J; van Bodegraven, Ad A; Bemelman, Willem A		Y		204
15569913	Withdrawal syndrome after delayed tramadol intake.	2004	The American Journal Of Psychiatry	Ripamonti, Carla; Fagnoni, Elena; De Conno, Franco		Y		10
15564950	Intranasal nicotine for postoperative pain treatment.	2004	Anesthesiology	Flood, Pamela; Daniel, Danette				67

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		Year	Month						
15564946	Combinations of bupivacaine, fentanyl, and clonidine for lumbar epidural postoperative analgesia: a novel optimization procedure.	2004		Anesthesiology	Svetlicic, Gorazd; Gentilini, Andrea; Eichenberger, Urs; Zanderigo, Eleonora; Sartori, Valentina; Luginbuhl, Martin; Curatolo, Michele		Y		22
15564934	Comparative evaluation of the Datex-Ohmeda S/5 Entropy Module and the Bispectral Index monitor during propofol-remifentanil anesthesia.	2004		Anesthesiology	Schmidt, Gunter N; Bischoff, Petra; Standl, Thomas; Hellstern, Angelika; Teuber, Olaf; Schulte Esch, Jochen		Y		99
15562103	Postoperative analgesia and recovery after open and laparoscopic prostatectomy.	2004		Anesthesia And Analgesia	Atallah, Fouad; Khedis, M; Seguin, P; Fourcade, O; Samii, K		Y		10
15562083	Single-injection paravertebral block before general anesthesia enhances analgesia after breast cancer surgery with and without associated lymph node biopsy.	2004		Anesthesia And Analgesia	Kairalauma, Pekka M; Bachmann, Martina S; Korpinen, Aulikki K; Rosenberg, Per H; Pere, Pertti J		Y		114
15562068	Intrinsic spinal cord catheter placement: implications of new intractable pain in a patient with a spinal cord injury.	2004		Anesthesia And Analgesia	Huntton, Marc A; Hurdle, Mark-Friedrich B; Marsh, Richard W; Reeves, Ronald K				12
15562065	A comparison of postoperative pain control in patients after right lobe donor hepatectomy and major hepatic resection for tumor.	2004		Anesthesia And Analgesia	Cywinski, Jacek B; Parker, Brian M; Xu, Meng; Irefin, Samuel A		Y		35
15557416	Characterizations of long-term oxycodone/acetaminophen prescriptions in veteran patients.	2004		Archives Of Internal Medicine	Hermos, John A; Young, Melissa M; Gagnon, David R; Fiore, Louis D				59
15554485	NSAIDs vs. opiates for pain in acute renal colic.	2004		American Family Physician	Ebell, Mark H		Y		3
15550401	Parenteral metoclopramide for acute migraine: meta-analysis of randomised controlled trials.	2004		BMJ (Clinical Research Ed.)	Colman, Ian; Brown, Michael D; Innes, Grant D; Grafestein, Eric; Roberts, Ted E; Rowe, Brian H				119
15534532	Soft tissue and intra-articular injection of bupivacaine, epinephrine, and morphine has a beneficial effect after total knee arthroplasty.	2004		Clinical Orthopaedics And Related Research	Lombardi, Adolph V Jr; Berend, Keith R; Mallory, Thomas H; Dodds, Kathleen L; Adams, Joanne B		Y		125
15534522	Minimally invasive total knee replacement through a mini-midvastus incision: an outcome study.	2004		Clinical Orthopaedics And Related Research	Laskin, Richard S; Beksaç, Burak; Phongjunakorn, Anuwat; Pittors, Kathleen; Davis, John; Shim, Jae-Chan; Pavlov, Helene; Petersen, Margaret				234
15534309	A 32-year-old woman with breast swelling and crepitant rales.	2004		CMAJ : Canadian Medical Association Journal (Journal De L'Association Medcale Canadienne)	Mannarino, Elmo; Lupattelli, Graziana; Schillaci, Giuseppe		Y		2
15529307	Opioid switching from transdermal fentanyl to oral methadone in patients with cancer pain.	2004		Cancer	Benitez-Rosario, Miguel Angel; Feria, Manuel; Salinas-Martin, Antonio; Martinez-Castillo, Luis Pedro; Martin-Ortega, Jose Javier		Y		66
15520116	Preemptive strike in the war on pain: is it a safe strategy for our vulnerable infants?	2004		Pediatrics	Aly, Hany		Y		1
15514420	Carbamazepine and rebound mania.	2004		The American Journal Of Psychiatry	Jess, Gillian E; Smith, Daniel J; Mackenzie, Catherine; Crawford, Colin		Y		0
15507943	Meperidine for dystocia during the first stage of labor: A randomized controlled trial.	2004		American Journal Of Obstetrics And Gynecology	Sosa, Claudio G; Balaguer, Erica; Alonso, Justo G; Panizza, Ruben; Laborde, Alejandro; Berrondo, Conrado				22
15507939	A clinical trial demonstrates the analgesic activity of intravenous parecoxib sodium compared with ketorolac or morphine after gynecologic surgery with laparotomy.	2004		American Journal Of Obstetrics And Gynecology	Bikhazi, George B; Snabes, Michael C; Bajwa, Zahid H; Davis, Derek J; LeComte, Diane; Traylor, Louise; Hubbard, Richard C				33
15505457	Simultaneous measurement and integrated analysis of analgesia and respiration after an intravenous morphine infusion.	2004		Anesthesiology	Dahan, Albert; Romberg, Raymonda; Teppema, Luc; Sarton, Elise; Biji, Hans; Olofson, Erik		Y		59
15505442	Dexmedetomidine pharmacodynamics: Part II: Crossover comparison of the analgesic effect of dexmedetomidine and remifentanil in healthy volunteers.	2004		Anesthesiology	Cortinez, Luis I; Hsu, Yung-Wei; Sum-Ping, Sam T; Young, Christopher; Keifer, John C; Macleod, David; Robertson, Kerri M; Wright, David R; Moretti, Eugene W; Somma, Jacques				272
15502061	A single injection ultrasound-assisted femoral nerve block provides side effect-sparing analgesia when compared with intrathecal morphine in patients undergoing total knee arthroplasty.	2004		Anesthesia And Analgesia	Sites, Brian D; Beach, Michael; Gallagher, John D; Jarrett, Robert A; Sparks, Michael B; Lundberg, C John F				55
15502060	A multicenter randomized controlled trial comparing patient-controlled epidural with intravenous analgesia for pain relief in labor.	2004		Anesthesia And Analgesia	Halpern, Stephen H; Muir, Holly; Breen, Terrance W; Campbell, David C; Barrett, Jon; Liston, Robert; Blanchard, J Wade				88
15502058	Intraoperative wake-up test and postoperative emergence in patients undergoing spinal surgery: a comparison of intravenous and inhaled anesthetic techniques using short-acting anesthetics.	2004		Anesthesia And Analgesia	Grottkau, Oliver; Dietrich, Peter Johannes; Wiegel, Stefanie; Wappeler, Frank		Y		36
15502051	The efficacy and safety of oral immediate-release oxymorphone for postsurgical pain.	2004		Anesthesia And Analgesia	Gimbel, Joseph; Ahdieh, Harry				38
15502050	Preincisional intravenous pentoxifylline attenuating perioperative cytokine response, reducing morphine consumption, and improving recovery of bowel function in patients undergoing colorectal cancer surgery.	2004		Anesthesia And Analgesia	Lu, Chueng-He; Chao, Pei-Chieh; Borel, Cecil O; Yang, Chih-Ping; Yeh, Chun-Chang; Wong, Chih-Shung; Wu, Ching-Tang				41
15502049	The postoperative analgesic effect of tramadol when used as subcutaneous local anesthetic.	2004		Anesthesia And Analgesia	Altunkaya, Hanife; Ozer, Yetkin; Kargi, Eksal; Ozkocak, Isil; Hosnuter, Mubin; Demirel, Cengiz Bekir; Babuccu, Orhan		Y		73

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15502048	Characterization of a new animal model for evaluation of persistent postthoracotomy pain.	2004	Anesthesia And Analgesia	Buvanendran, Asokumar; Kroin, Jeffrey S; Kerns, James M; Nagalla, Subhash N K; Tuman, Kenneth J				85
15502020	S(+)-ketamine as an analgesic adjunct reduces opioid consumption after cardiac surgery.	2004	Anesthesia And Analgesia	Lahtinen, Pasi; Kokki, Hannu; Hakala, Tapio; Hyynnen, Markku		Y		55
15501201	Effectiveness of glucosamine for symptoms of knee osteoarthritis: results from an internet-based randomized double-blind controlled trial.	2004	The American Journal Of Medicine	McAlindon, Timothy; Formica, Margaret; LaValley, Michael; Lehmer, Melissa; Kabbara, Karim				118
15492576	Postoperative protein sparing with epidural analgesia and hypocaloric dextrose.	2004	Annals Of Surgery	Schricker, Thomas; Meterissian, Sarkis; Wykes, Linda; Eberhart, Leopold; Lattermann, Ralph; Carli, Franco				35
15492161	Ambulatory tympanomastoid surgery in children: factors affecting hospital admission.	2004	Archives Of Otolaryngology--Head & Neck Surgery	Hasan, Rashed A; LaRouere, Michael J; Kartush, Jack; Bojrab, Dennis		Y		8
15484217	Quality of life impact of three different doses of suramin in patients with metastatic hormone-refractory prostate carcinoma: results of Intergroup O159/Cancer and Leukemia Group B 9480.	2004	Cancer	Ahles, Tim A; Herndon, James E 2nd; Small, Eric J; Vogelzang, Nicholas J; Kornblith, Alice B; Ratain, Mark J; Stadler, Walter; Palchak, David; Marshall, M Ernest; Wilding, George; Petrylak, Daniel; Holland, Jimmie C				Not found on Microsoft Academic
15479314	The effects of cryoanalgesia combined with thoracic epidural analgesia in patients undergoing thoracotomy.	2004	Anaesthesia	Yang, M K; Cho, C H; Kim, Y C		Y		18
15478167	A comparison of the efficacy and safety of nonsteroidal antiinflammatory agents versus acetaminophen in the treatment of osteoarthritis: a meta-analysis.	2004	Arthritis And Rheumatism	Lee, Chin; Straus, Walter L; Balshaw, Robert; Barlas, Suna; Vogel, Suzanne; Schnitzer, Thomas J				101
15478160	Randomized, double-blind, placebo-controlled glucosamine discontinuation trial in knee osteoarthritis.	2004	Arthritis And Rheumatism	Cibere, Jolanda; Kopec, Jacek A; Thorne, Anona; Singer, Joel; Canvin, Janice; Robinson, David B; Pope, Janet; Hong, Paul; Grant, Eric; Esdaile, John M				115
15469762	Opioids in chronic pain management: Navigating the clinical and regulatory challenges.	2004	The Journal Of Family Practice	Gallagher, Rollin		Y		20
15468395	Efficacy of the pain pump catheter in immediate autologous breast reconstruction.	2004	Plastic And Reconstructive Surgery	Baroody, Michael; Tameo, Michael N; Dabb, Richard W		Y		38
15467660	Continuous local anesthetic infusion for pain management after outpatient inguinal herniorrhaphy.	2004	Surgery	Schurr, Michael J; Gordon, Debra B; Pellino, Teresa A; Scanlon, Trisha A		Y		50
15460088	Opioids for chronic noncancer pain. Tailoring therapy to fit the patient and the pain.	2004	Postgraduate Medicine	Antoin, Hussam; Beasley, Ralph D		Y		8
15459624	Status epilepticus after a massive intravenous N-acetylcysteine overdose leading to intracranial hypertension and death.	2004	Annals Of Emergency Medicine	Bailey, Benoit; Blais, Rene; Letarte, Anne		Y		45
15459616	Effect of education and guidelines for treatment of uncomplicated dental pain on patient and provider behavior.	2004	Annals Of Emergency Medicine	Ma, Marek; Lindsell, Christopher J; Jauch, Edward C; Pancioli, Arthur M		Y		14
15455991	Reducing patient aggression and hostility in primary care with urine drug testing.	2004	Southern Medical Journal	Sampson, Jerome M; Achololnu, Wilfred W Jr		Y		4
15452309	Acetaminophen in the treatment of headaches associated with dipyridamole-aspirin combination.	2004	Neurology	Lipton, R B; Bigal, M E; Kolodner, K B; Gorelick, P B; Wilks, K; Schoebelock, M; Davidai, G				16
15452284	Practice parameter: treatment of postherpetic neuralgia: an evidence-based report of the Quality Standards Subcommittee of the American Academy of Neurology.	2004	Neurology	Dubinsky, R M; Kabbani, H; El-Chami, Z; Boutwell, C; Ali, H		Y		239
15450833	Does preoperative rofecoxib (Vioxx) decrease postoperative pain with laparoscopic cholecystectomy?	2004	American Journal Of Surgery	Horattas, Mark C; Evans, Steve; Sloan-Stakleff, Kimberly D; Lee, Christopher; Snore, Joseph W		Y		14
15449261	Meta-analysis of short-term outcomes after laparoscopic resection for colorectal cancer.	2004	The British Journal Of Surgery	Abraham, N S; Young, J M; Solomon, M J		Y		479
15448532	Chronopharmacology of intrathecal sufentanil for labor analgesia: daily variations in duration of action.	2004	Anesthesiology	Debon, Richard; Boselli, Emmanuel; Guyot, Romain; Allaouchiche, Bernard; Lemmer, Bjorn; Chassard, Dominique		Y		28
15385382	Small-dose intrathecal clonidine and isobaric bupivacaine for orthopedic surgery: a dose-response study.	2004	Anesthesia And Analgesia	Strelbel, Stephan; Gurzeler, Jurg A; Schneider, Markus C; Aeschbach, Armin; Kindler, Christoph H		Y		60
15385380	Analgesia before performing a spinal block in the sitting position in patients with femoral shaft fracture: a comparison between femoral nerve block and intravenous fentanyl.	2004	Anesthesia And Analgesia	Sia, Salvatore; Pelusio, Francesco; Barbagli, Remo; Rivituso, Calogero		Y		32
15385372	The effects of intrathecal gabapentin on spinal morphine tolerance in the rat tail-flick and paw pressure tests.	2004	Anesthesia And Analgesia	Hansen, C; Gilron, I; Hong, M				31
15385371	Postoperative pain after abdominal hysterectomy: a double-blind comparison between placebo and local anesthetic infused intraperitoneally.	2004	Anesthesia And Analgesia	Gupta, Anil; Perniola, Andrea; Axelsson, Kjell; Thorn, Sven E; Crafoord, Kristina; Rawal, Narinder				86
15385360	Large-dose intrathecal sufentanil prevents the hormonal stress response during major abdominal surgery: a comparison with intravenous sufentanil in a prospective randomized trial.	2004	Anesthesia And Analgesia	Borgdorff, Paul J; Ionescu, Traian I; Houweling, Peter L; Knape, Johannes T A				21
15385356	The effects of cisatracurium on morbidly obese women.	2004	Anesthesia And Analgesia	Leykin, Yigal; Pellis, Tommaso; Lucca, Mariella; Lomangino, Giacomina; Marzano, Bernardo; Gullo, Antonino		Y		67

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15383788	Botulinum toxin infiltration for pain control after mastectomy and expander reconstruction.	2004	Annals Of Surgery	Layeeque, Rakshanda; Hochberg, Julio; Siegel, Eric; Kunkel, Kelly; Kepple, Julie; Henry-Tillman, Ronda S; Dunlap, Melinda; Seibert, John; Klimberg, V Suzanne			Y		44
15383110	Diamorphine for pain relief in labour : a randomised controlled trial comparing intramuscular injection and patient-controlled analgesia.	2004	BJOG : An International Journal Of Obstetrics And Gynaecology	McInnes, Rhona J; Hillan, Edith; Clark, Diana; Gilmour, Harper			Y		12
15383109	A randomised double-blind comparison of epidural fentanyl versus fentanyl and bupivacaine for pain relief in the second stage of labour.	2004	BJOG : An International Journal Of Obstetrics And Gynaecology	Lindow, S W; Dhillon, A R; Husaini, S W; Russell, I F			Y		5
15381586	Parental satisfaction with anesthesia without intravenous access for myringotomy.	2004	Archives Of Otolaryngology-Head & Neck Surgery	Haupter, Michael S; Pascual, Clarina; Mohan, Abby; Barbecka-Skrzypek, Beata; Zestos, Maria M			Y		12
15375809	Continuous low-level heat wrap therapy is effective for treating wrist pain.	2004	Archives Of Physical Medicine And Rehabilitation	Michlovitz, Susan; Hun, Larysa; Erasala, Geetha N; Hengehold, David A; Weingand, Kurt W					54
15371986	Role of hepatic and intestinal cytochrome P450 3A and 2B6 in the metabolism, disposition, and miotic effects of methadone.	2004	Clinical Pharmacology And Therapeutics	Kharasch, Evan D; Hoffer, Christine; Whittington, Dale; Sheffels, Pamela			Y		188
15371860	Intraoperative local anesthesia decreases postoperative parenteral opioid requirements for transperitoneal laparoscopic renal and adrenal surgery: a randomized, double-blind, placebo controlled investigation.	2004	The Journal Of Urology	Khaira, Herkanwal S; Wolf, J Stuart Jr					20
15371775	Efficacy of continuous epidural analgesia versus single dose caudal analgesia in children after intravesical ureteroneocystostomy.	2004	The Journal Of Urology	Merguerian, Paul A; Sutters, Kimberly A; Tang, Edward; Kaji, Devonna; Chang, Barry			Y		19
15368335	Patterns of high-dose morphine use in a home-care hospice service: should we be afraid of it?	2004	Cancer	Bercovitch, Michaela; Adunsky, Abraham					66
15353519	Physicians advised on how to offer pain relief while preventing opioid abuse.	2004	JAMA	Hampton, Tracy			Y		9
15352664	Does intraoperative electromyographic monitoring in lumbar microdiscectomy correlate with postoperative pain?	2004	Southern Medical Journal	Dimopoulos, Vassilios G; Feitres, Carlos H; Fountas, Kostas N; Kapsalakis, Ioannis Z; Vogel, Robert L; Fuhrmann, Bridget; Grigorian, Arthur A; Johnston, Kim W; Smissen, Hugh F 3rd; Robinson, Joe S			Y		4
15349108	Influence of opioid use on surgical and long-term outcome after resection for chronic pancreatitis.	2004	Surgery	Alexakis, N; Connor, S; Ghaneh, P; Ratay, M; Lombard, M; Smart, H; Evans, J; Hughes, M; Garvey, C J; Goulden, M; Parker, C; Sutton, R; Neoptolemos, J P			Y		25
15337386	Appropriate use of opioids for persistent non-cancer pain.	2004	Lancet (London, England)	Portenoy, Russell K			Y		46
15333427	Ketamine for long-term sedation and analgesia of a burn patient.	2004	Anesthesia And Analgesia	Edrich, Thomas; Friedrich, Andrew D; Eltzschig, Holger K; Felbinger, Thomas W			Y		25
15333415	The analgesic efficacy of etoricoxib compared with oxycodone/acetaminophen in an acute postoperative pain model: a randomized, double-blind clinical trial.	2004	Anesthesia And Analgesia	Chang, David J; Desjardins, Paul J; King, Thomas R; Erb, Tara; Geba, Gregory P			Y		68
15333414	Patients' global evaluation of analgesia and safety of injected parecoxib for postoperative pain: a quantitative systematic review.	2004	Anesthesia And Analgesia	Kranke, Peter; Morin, Astrid M; Roewer, Norbert; Eberhart, Leopold H			Y		43
15329620	Self-extraction of intrathecal pump opioid.	2004	Anesthesiology	Kittelberger, Keith P; Buchheit, Thomas E; Rice, Shirley F			Y		6
15329602	Intrathecal gabapentin enhances the analgesic effects of subtherapeutic dose morphine in a rat experimental pancreatitis model.	2004	Anesthesiology	Smiley, Matthew M; Lu, Ying; Vera-Portocarrero, Louis P; Zidan, Amr; Westlund, Karin N			Y		50
15329601	The spinal antinociceptive effect of nocistatin in neuropathic rats is blocked by D-serine.	2004	Anesthesiology	Muth-Selbach, Uta; Dybek, Eva; Kollosche, Katrin; Stegmann, Jens-Ulrich; Holthusen, Holger; Lipfert, Peter; Zeilhofer, Hanns Ulrich					21
15329600	Comparative analgesic and mental effects of increasing plasma concentrations of dexametomidine and alfentanil in humans.	2004	Anesthesiology	Angst, Martin S; Ramaswamy, Bhamini; Davies, M Frances; Maze, Mervyn					79
15329599	Influence of age on the pharmacokinetics and pharmacodynamics of oral transmucosal fentanyl citrate.	2004	Anesthesiology	Kharasch, Evan D; Hoffer, Christine; Whittington, Dale			Y		41
15329598	Influence of hepatic and intestinal cytochrome P4503A activity on the acute disposition and effects of oral transmucosal fentanyl citrate.	2004	Anesthesiology	Kharasch, Evan D; Whittington, Dale; Hoffer, Christine			Y		44
15329588	Remifentanil versus morphine analgesia and sedation for mechanically ventilated critically ill patients: a randomized double blind study.	2004	Anesthesiology	Dahaba, Ashraf A; Grabner, Tanja; Rehak, Peter H; List, Werner F; Metzler, Helfried					103
15310350	The effect of celecoxib on intrathecal morphine-induced pruritus in patients undergoing Caesarean section.	2004	Anaesthesia	Lee, L H Y; Irwin, M G; Lim, J; Wong, C K			Y		17
15310347	Epidural clonidine, bupivacaine and methadone as the sole analgesic agent after thoracotomy for lung resection.	2004	Anaesthesia	Matot, Idit; Drenger, Benjamin; Weissman, Charles; Shauli, Aharon; Gozal, Yaakov Rio, J; Nos, C; Bonaventura, I; Arroyo, R; Genis, D; Sureda, B; Ari, J R; Brieva, L; Martin, J; Saiz, A; Sanchez Lopez, F; Prieto, J M; Roquer, J; Dorado, J F; Montalban, X					12
15304586	Corticosteroids, ibuprofen, and acetaminophen for IFNbeta-1a flu symptoms in MS: a randomized trial.	2004	Neurology						Not found on Microsoft Academic

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15304585	Predicting the response to sumatriptan: the Sumatriptan Naratriptan Aggregate Patient Database.	2004	Neurology	Christoph-Diener, Hans; Ferrari, Michel; Mansbach, Hank			24
15301334	80-year-old man with fever and ear pain.	2004	Mayo Clinic Proceedings	Lim, Lionel S; Takahashi, Paul Y	Y		1
15300210	Epidural analgesia improves outcome after multiple rib fractures.	2004	Surgery	Bulger, Eileen M; Edwards, Thomas; Klotz, Patricia; Jurkovich, Gregory J	Y		160
15292786	The older orthopaedic patient: general considerations.	2004	Clinical Orthopaedics And Related Research	Potter, Jane F			22
15289214	Physician reports of terminal sedation without hydration or nutrition for patients nearing death in the Netherlands.	2004	Annals Of Internal Medicine	Rietjens, Judith A C; van der Heide, Agnes; Vrakking, Astrid M; Onwuteaka-Philipsen, Bregje D; van der Maas, Paul J; van der Wal, Gerrit			156
15281560	A personal experience using Limoges's current during a major surgery.	2004	Anesthesia And Analgesia	Limoge, Aime; Dixmerias-Iskandar, Florence	Y		2
15281553	Monitoring of patients receiving long-term opioid therapy.	2004	Anesthesia And Analgesia	Manchikanti, Laxmaiah; Boswell, Mark V; Singh, Vijay	Y		1
15281539	Postoperative analgesia after total knee replacement: the effect of an obturator nerve block added to the femoral 3-in-1 nerve block.	2004	Anesthesia And Analgesia	Macalou, D; Trueck, S; Meuret, P; Heck, M; Vial, F; Ouologuem, S; Capdevila, X; Virion, J M; Bouaziz, H	Y		121
15281519	Intrathecal clonidine potentiates suppression of tactile hypersensitivity by spinal cord stimulation in a model of neuropathy.	2004	Anesthesia And Analgesia	Schechtman, Gaston; Wallin, Johan; Meyerson, Bjorn A; Linderoth, Bengt			56
15281515	Pain during injection of propofol: the effect of prior administration of butorphanol.	2004	Anesthesia And Analgesia	Agarwal, Anil; Raza, Mehn; Dhiraaj, Sanjay; Pandey, Ravinder; Gupta, Devendra; Pandey, Chandra Kant; Singh, Prabhat K; Singh, Uttam	Y		20
15278084	Emergency medicine research on the front lines.	2004	Annals Of Emergency Medicine	De Lorenzo, Robert A	Y		2
15278083	A novel pain management strategy for combat casualty care.	2004	Annals Of Emergency Medicine	Kotwal, Russ S; O'Connor, Kevin C; Johnson, Troy R; Mosely, Dan S; Meyer, David E; Holcomb, John B	Y		61
15277942	Delta-opioid agonist SNC80 can attenuate the development of dynorphin A-induced tactile allodynia in rats.	2004	Anesthesiology	Kawaraguchi, Yoshitaka; Kawaguchi, Masahiko; Takahashi, Masahiro; Horiochi, Toshinori; Sakamoto, Takanori; Furuya, Hitoshi			13
15277930	Early but no long-term benefit of regional compared with general anesthesia for ambulatory hand surgery.	2004	Anesthesiology	McCartney, Colin J L; Brull, Richard; Chan, Vincent W S; Katz, Joel; Abbas, Sherif; Graham, Brent; Nova, Hugo; Rawson, Regan; Anastakis, Dimitri J; von Schroeder, Herbert			136
15277927	Epidural neostigmine combined with sufentanil provides balanced and selective analgesia in early labor.	2004	Anesthesiology	Roelants, Fabienne; Lavand'homme, Patricia M	Y		38
15271762	What is wrong with this picture of pain management?	2004	Anesthesia And Analgesia	Mulroy, Michael F; Neal, Joseph M; Pollock, Julia E	Y		1
15271757	The quest for new devices to improve postoperative pain control.	2004	Anesthesia And Analgesia	Marcus, M A E; Van Kleef, M; Joosten, E A J	Y		1
15271745	Pain relief after arthroscopic shoulder surgery: a comparison of intraarticular analgesia, suprascapular nerve block, and interscalene brachial plexus block.	2004	Anesthesia And Analgesia	Singelyn, Francois J; Lhotel, Laurence; Fabre, Bertrand	Y		189
15271737	Patient-controlled analgesia with fentanyl for burn dressing changes.	2004	Anesthesia And Analgesia	Prakash, Smita; Fatima, Tazeen; Pawar, Mridula	Y		41
15271731	The effect of epidural clonidine on perioperative cytokine response, postoperative pain, and bowel function in patients undergoing colorectal surgery.	2004	Anesthesia And Analgesia	Wu, Ching-Tang; Jao, Shu-Wen; Borel, Cecil O; Yeh, Chun-Chang; Li, Chi-Yuan; Lu, Chueng-Hue; Wong, Chih-Shung	Y		64
15271729	Ketamine as adjuvant analgesic to opioids: a quantitative and qualitative systematic review.	2004	Anesthesia And Analgesia	Subramaniam, Kathirel; Subramaniam, Balachundhar; Steinbrook, Richard A	Y		357
15271725	Differential analgesic sensitivity of two distinct neuropathic pain models.	2004	Anesthesia And Analgesia	Decosterd, Isabelle; Alchone, Andrew; Woolf, Clifford J			71
15271712	Neuromuscular pharmacodynamics of rocuronium in patients with major burns.	2004	Anesthesia And Analgesia	Han, TaeHyung; Kim, HyeongSeok; Bae, JiYoung; Kim, KwangMin; Martyn, J A Jeewendra	Y		40
15271709	The analgesic effects of gabapentin in monitored anesthesia care for ear-nose-throat surgery.	2004	Anesthesia And Analgesia	Turan, Alparslan; Memis, Dilek; Karamanlioglu, Beyhan; Yagiz, Recep; Pamukcu, Zafer; Yavuz, Ebru	Y		81
15271708	The use of caudal morphine for pediatric liver transplantation.	2004	Anesthesia And Analgesia	Kim, Tae W; Harbott, Mark	Y		8
15270963	Impact of spinal anaesthesia and obesity on maternal respiratory function during elective Caesarean section.	2004	Anaesthesia	von Ungern-Sternberg, B S; Regli, A; Bucher, E; Reber, A; Schneider, M C	Y		46
15258006	Does the cannabinoid dronabinol reduce central pain in multiple sclerosis? Randomised double blind placebo controlled crossover trial.	2004	BMJ (Clinical Research Ed.)	Svendsen, Kristina B; Jensen, Troels S; Bach, Flemming W			331
15249406	Double-blind, prospective, randomized study of warmed, humidified carbon dioxide insufflation vs standard carbon dioxide for patients undergoing laparoscopic cholecystectomy.	2004	Archives Of Surgery (Chicago, Ill. : 1960)	Farley, David R; Greenlee, Susan M; Larson, Dirk R; Harrington, Jeffrey R	Y		71
15247714	Comparison of 3 different methods of anesthesia before transrectal prostate biopsy: a prospective randomized trial.	2004	The Journal Of Urology	Obek, Can; Ozkan, Burak; Tunc, Burcin; Can, Gunay; Yalcin, Veli; Solok, Vural	Y		74

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15247702	Necessity of ureteral catheter during laparoscopic partial nephrectomy.	2004	The Journal Of Urology	Bove, Pierluigi; Bhayani, Sam B; Rha, Koon-Ho; Alaf, Mohamad E; Jarrett, Thomas W; Kavoussi, Louis R		Y		38
15231985	Use of antivenin to treat priapism after a black widow spider bite.	2004	Pediatrics	Hoover, Nancy G; Fortenberry, James D		Y		20
15231977	Neonatal procedural pain and preterm infant cortisol response to novelty at 8 months.	2004	Pediatrics	Grunau, Ruth E; Weinberg, Joanne; Whitfield, Michael F				169
15231909	Specific Newborn Individualized Developmental Care and Assessment Program movements are associated with acute pain in preterm infants in the neonatal intensive care unit.	2004	Pediatrics	Holsti, Liisa; Grunau, Ruth E; Oberlander, Tim F; Whitfield, Michael F				88
15231621	A 64 year old woman with knee pain: case outcome.	2004	BMJ (Clinical Research Ed.)	Tugwell, Peter; O'Connor, Annette M; Santesso, Nancy A		Y		0
15227688	Epidural analgesia in gastrointestinal surgery.	2004	The British Journal Of Surgery	Fotiadis, R J; Badvie, S; Weston, M D; Allen-Mersh, T G		Y		101
15220793	Perioperative management of acute pain in the opioid-dependent patient.	2004	Anesthesiology	Mitra, Sukanya; Sinatra, Raymond S		Y		190
15220792	Tissue monocytes/macrophages in inflammation: hyperalgesia versus opioid-mediated peripheral antinociception.	2004	Anesthesiology	Brack, Alexander; Labuz, Dominika; Schiltz, Anu; Rittner, Heike L; Machelska, Halina; Schafer, Michael; Reszka, Regina; Stein, Christoph				62
15220791	Effects of laparotomy on spontaneous exploratory activity and conditioned operant responding in the rat: a model for postoperative pain.	2004	Anesthesiology	Martin, Thomas J; Buechler, Nancy L; Kahn, William; Crews, James C; Eisenach, James C		Y		90
15220788	Quality of postoperative pain using an intraoperatively placed epidural catheter after major lumbar spinal surgery.	2004	Anesthesiology	Gottschalk, Andre; Freitag, Marc; Tank, Sascha; Burmeister, Marc-Alexander; Kreil, Sonja; Kothe, Ralph; Hansen-Algenstedt, Nils; Weisner, Lothar; Staude, Hans-Jurgen; Standl, Thomas				59
15220787	Preventive analgesia is associated with reduced pain disability 3 weeks but not 6 months after major gynecologic surgery by laparotomy.	2004	Anesthesiology	Katz, Joel; Cohen, Lorenzo				75
15220785	Effects of perioperative central neuraxial analgesia on outcome after coronary artery bypass surgery: a meta-analysis.	2004	Anesthesiology	Liu, Spencer S; Block, Brian M; Wu, Christopher L				257
15220776	Inhibitory effect of fentanyl on acetylcholine-induced relaxation in rat aorta.	2004	Anesthesiology	Sohn, Ju-Tae; Ok, Seong-Ho; Kim, Hee-Jin; Moon, Seon-Hak; Shin, Il-Woo; Lee, Heon-Kyun; Chung, Young-Kyun		Y		11
15220768	Evidence that intravenous vasopressors can affect rostral spread of spinal anesthesia in pregnancy.	2004	Anesthesiology	Cooper, David W; Jeyaraj, Leo; Hynd, Ryan; Thompson, Rebekah; Meek, Tim; Ryall, David M; Kokri, Mammoohan S		Y		34
15220767	Autonomic nervous system response to epidural analgesia in laboring patients by wavelet transform of heart rate and blood pressure variability.	2004	Anesthesiology	Deschamps, Alain; Kaufman, Ian; Backman, Steven B; Plourde, Gilles		Y		30
15219497	Critically reappraising the literature-driven practice of analgesia administration for acute abdominal pain in the emergency room prior to surgical evaluation.	2004	American Journal Of Surgery	Abboud, Paul-Andre; Colwell, Christopher B		Y		0
15218558	Analgesic safety and efficacy of diclofenac sodium softgels on postoperative third molar extraction pain.	2004	Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Zuniga, John R; Phillips, Ceib L; Shugars, Daniel; Lyon, James A; Peroutka, Stephen J; Swarbrick, James; Bon, Charles				36
15210821	Proinflammatory chemokines, such as C-C chemokine ligand 3, desensitize mu-opioid receptors on dorsal root ganglia neurons.	2004	Journal Of Immunology (Baltimore, Md. : 1950)	Zhang, Ning; Rogers, Thomas J; Caterina, Michael; Oppenheim, Joost J		Y		Not found on Microsoft Academic
15210510	Are anticonvulsants a satisfactory alternative to opiate analgesics in patients experiencing pain with Guillain-Barre syndrome?	2004	Archives Of Disease In Childhood	McDouall, S F; Tasker, R C		Y		2
15210505	Peripheral opioids in inflammatory pain.	2004	Archives Of Disease In Childhood	Watterson, G; Howard, R; Goldman, A		Y		45
15200541	Evaluation of a local anaesthesia regimen following mastectomy.	2004	Anaesthesia	Talbot, H; Hutchinson, S P; Edbrooke, D L; Wrench, I; Kohlhardt, S R		Y		22
15200535	Risks and benefits of long-term intrathecal analgesia.	2004	Anaesthesia	Dickson, Diana		Y		7
15198753	A double blinded randomised placebo-controlled study of intramuscular pethidine for pain relief in the first stage of labour.	2004	BJOG : An International Journal Of Obstetrics And Gynaecology	Tsui, Michelle H Y; Ngan Kee, Warwick D; Ng, Floria F; Lau, Tze K		Y		48
15197053	Over-the-counter pain reliever and aspirin use within a sample of long-term cyclooxygenase 2 users.	2004	Archives Of Internal Medicine	Cox, Emily R; Frisse, Mark; Behm, Andrew; Fairman, Kathleen A		Y		30
15191981	Nalbuphine and slow release morphine.	2004	BMJ (Clinical Research Ed.)	Smith, Jason; Guly, Henry		Y		4
15187835	Pulmonary aspects of treatment of long bone fractures in the polytrauma patient.	2004	Clinical Orthopaedics And Related Research	Olson, Steven A		Y		14
15184213	Efficacy and safety of acetaminophen vs ibuprofen for treating children's pain or fever: a meta-analysis.	2004	Archives Of Pediatrics & Adolescent Medicine	Perrott, David A; Piira, Tiina; Goodenough, Belinda; Champion, G David				163
15182090	Chronic noncancer pain rehabilitation with opioid withdrawal: comparison of treatment outcomes based on opioid use status at admission.	2004	Mayo Clinic Proceedings	Rome, Jeffrey D; Townsend, Cynthia O; Bruce, Barbara K; Sletten, Christopher D; Luedtke, Connie A; Hodgson, John E		Y		70

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15178585	Systematic review of the relative efficacy of non-steroidal anti-inflammatory drugs and opioids in the treatment of acute renal colic.	2004	BMJ (Clinical Research Ed.)	Holdgate, Anna; Pollock, Tamara			Y		126
15172243	Acute postoperative pain in lung transplant recipients.	2004	The Annals Of Thoracic Surgery	Richard, Chloe; Girard, Francois; Ferraro, Pasquale; Chouinard, Philippe; Boudreault, Daniel; Ruel, Monique; Choiniere, Manon; Poirier, Charles; Girard, Dominique C			Y		12
15169744	Rates of caesarean section and instrumental vaginal delivery in nulliparous women after low concentration epidural infusions or opioid analgesia: systematic review.	2004	BMJ (Clinical Research Ed.)	Liu, E H C; Sia, A T H			Y		104
15169709	Serotonin syndrome with tramadol and citalopram.	2004	The American Journal Of Psychiatry	Mahlberg, Richard; Kunz, Dieter; Sasse, Johanna; Kirchheimer, Julia			Y		75
15167840	A hospital-sponsored quality improvement study of pain management after cesarean delivery.	2004	American Journal Of Obstetrics And Gynecology	Yost, Nicole P; Bloom, Steven L; Sibley, Miriam K; Lo, Julie Y; McIntire, Donald D; Leveno, Kenneth J		Y			27
15166576	Production of paradoxical sensory hypersensitivity by alpha 2-adrenoreceptor agonists.	2004	Anesthesiology	Quartiolo, Aline; Mata, Heriberto P; Ibrahim, Mohab M; Vanderah, Todd W; Ossipov, Michael H; Lai, Josephine; Porreca, Frank; Malan, T Philip Jr		Y			Not found on Microsoft Academic
15166575	Remifentanil directly activates human N-methyl-D-aspartate receptors expressed in Xenopus laevis oocytes.	2004	Anesthesiology	Hahnenkamp, Klaus; Nollet, Joke; Van Aken, Hugo K; Buerkle, Hartmut; Halene, Tobias; Schauerte, Svenja; Hahnenkamp, Anke; Hollmann, Markus W; Strumper, Danja; Durieux, Marcel E; Hoenemann, Christian W					57
15159463	Daily scheduled opioids for intractable head pain: long-term observations of a treatment program.	2004	Neurology	Saper, J R; Lake, A E 3rd; Hamel, R L; Lutz, T E; Branca, B; Sims, D B; Kroll, M M			Y		83
15159457	Opioid therapy and headache: a cause and a cure.	2004	Neurology	Lipton, Richard B; Bigal, Marcelo E			Y		17
15158628	Effects of morphine analgesia in ventilated preterm neonates: primary outcomes from the NEOPAIN randomised trial.	2004	Lancet (London, England)	Anand, K J S; Hall, R WH; Desai, Nirmala; Shephard, Barbara; Bergqvist, Lena L; Young, Thomas E; Boyle, Elaine M; Carbajal, Ricardo; Bhutani, Vinod K; Moore, Mary Beth; Kronsberg, Shari S; Barton, Bruce A					340
15155331	Morphine-induced analgesia, hypotension, and bradycardia are enhanced in hypertensive rats.	2004	Anesthesia And Analgesia	Mahinda, Tania B; Lovell, Blaise M; Taylor, Bradley K					22
15155330	Methadone for the induction of anesthesia: plasma histamine concentration, arterial blood pressure, and heart rate.	2004	Anesthesia And Analgesia	Bowdle, T Andrew; Even, Aaron; Shen, Danny D; Swardstrom, Meghan			Y		14
15155324	Preoperative parenteral parecoxib and follow-up oral valdecoxib reduce length of stay and improve quality of patient recovery after laparoscopic cholecystectomy surgery.	2004	Anesthesia And Analgesia	Gan, Tong J; Joshi, Girish P; Viscusi, Eugene; Cheung, Raymond Y; Dodge, William; Fort, John G; Chen, Connie					69
15155311	Evaluation of the neuroprotective effects of S(+)-ketamine during open-heart surgery.	2004	Anesthesia And Analgesia	Nagels, W; Demeyere, R; Van Hemelrijck, J; Vandenbussche, E; Gijbels, K; Vandermeersch, E			Y		50
15155308	The synergistic effect of combined treatment with systemic ketamine and morphine on experimentally induced windup-like pain in humans.	2004	Anesthesia And Analgesia	Schulte, Helene; Sollevi, Alf; Segerdahl, Marta					55
15155300	Intrathecal midazolam II: combination with intrathecal fentanyl for labor pain.	2004	Anesthesia And Analgesia	Tucker, Adam P; Mezzatesta, Joseph; Nadeson, Raymond; Goodchild, Colin S					67
15144309	The Cyclimorph cough.	2004	Anaesthesia	Honan, D; Jacob, S; Malkan, D; Reinacher, P; Malik, H U; Tierney, E			Y		1
15122565	Tetracycline compound placement to prevent dry socket: a postoperative study of 200 impacted mandibular third molars.	2004	Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Sanchis, J M; Saez, U; Penarrocha, M; Gay, C			Y		22
15121626	Aortic dissection in pregnancy.	2004	Obstetrics And Gynecology	Weissmann-Brenner, Alina; Schoen, Roy; Divon, Michael Y			Y		32
15114226	Experimental pain models reveal no sex differences in pentazocine analgesia in humans.	2004	Anesthesiology	Fillingim, Roger B; Ness, Timothy J; Glover, Toni L; Campbell, Claudia M; Price, Donald D; Staud, Roland		Y			56
15111917	Buprenorphine: a primer for emergency physicians.	2004	Annals Of Emergency Medicine	Sporer, Karl A			Y		61
15108997	Analgesic evaluation in postoperative patients.	2004	Anesthesiology	Larjani, Ghassem E; Goldberg, Michael E			Y		1
15108996	The pain visual analog scale: linear or nonlinear?	2004	Anesthesiology	Myles, Paul S			Y		5
15108987	Synergistic antinociceptive effect of amitriptyline and morphine in the rat orofacial formalin test.	2004	Anesthesiology	Luccarini, Philippe; Perrier, Laurent; Degouulange, Celine; Gaydier, Anne-Marie; Dallef, Radhouane					27
15108986	Thoracic and lumbar epidural analgesia via the caudal approach using electrical stimulation guidance in pediatric patients: a review of 289 patients.	2004	Anesthesiology	Tsui, Ban C H; Wagner, Alese; Cave, Dominic; Kearney, Ramona					69
15108985	ED50 and ED95 of intrathecral hyperbaric bupivacaine coadministered with opioids for cesarean delivery.	2004	Anesthesiology	Ginosar, Yehuda; Mirkatani, Edward; Drover, David R; Cohen, Sheila E; Riley, Edward T					98
15105246	Epidural treatment in advanced cancer patients.	2004	Anesthesia And Analgesia	Mercadante, Sebastian			Y		1

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15105231	Postcesarean analgesia with spinal morphine, clonidine, or their combination.	2004	Anesthesia And Analgesia	Paech, Michael J; Pavly, Timothy J G; Orlowski, Christopher E P; Yeo, Seng T; Banks, Samantha L; Evans, Sharon F; Henderson, Jennifer					55
15105223	Improvement of pain treatment after major abdominal surgery by intravenous S+-ketamine.	2004	Anesthesia And Analgesia	Argiriadou, Helena; Himmelseher, Sabine; Papagiannopoulou, Pinelopi; Georgiou, Mary; Kanakoudis, Fotios; Giala, Maria; Kochs, Eberhard					31
15105221	The inhibitory effects of tramadol on 5-hydroxytryptamine type 2C receptors expressed in Xenopus oocytes.	2004	Anesthesia And Analgesia	Ogata, Junichi; Minami, Kouichiro; Uezono, Yasuhito; Okamoto, Takashi; Shiraishi, Munehiro; Shigematsu, Akio; Ueta, Yoichi		Y			28
15105220	A qualitative systematic review of the role of N-methyl-D-aspartate receptor antagonists in preventive analgesia.	2004	Anesthesia And Analgesia	McCartney, Colin J L; Sinha, Avinash; Katz, Joel					287
15105217	The analgesic effects of gabapentin after total abdominal hysterectomy.	2004	Anesthesia And Analgesia	Turan, Alparslan; Karamanlioglu, Beyhan; Memis, Dilek; Usar, Pinar; Pamukcu, Zafer; Ture, Mevlut		Y			167
15096404	HIV-associated distal sensory polyneuropathy in the era of highly active antiretroviral therapy: the Manhattan HIV Brain Bank.	2004	Archives Of Neurology	Morgello, Susan; Estanislao, Lydia; Simpson, David; Geraci, Anthony; DiRocco, Alessandro; Gentil, Pieter; Ryan, Elizabeth; Yakoushina, Tatiana; Khan, Shafat; Mahboob, Rashid; Naseer, Mubasher; Dorfman, David; Sharp, Victoria		Y			157
15096248	Analgesic requirements in morbidly obese patients.	2004	Anaesthesia	Batistich, S; Kendall, A; Somers, S		Y			5
15096238	Initial experiences with medicinal extracts of cannabis for chronic pain: results from 34 'N of 1' studies.	2004	Anaesthesia	Notcutt, William; Price, Mario; Miller, Roy; Newport, Samantha; Phillips, Cheryl; Simmons, Susan; Sansom, Cath					156
15087647	Genetic variability of mu-opioid receptor in an obstetric population.	2004	Anesthesiology	Landau, Ruth; Cahana, Alex; Smiley, Richard M; Antonarakis, Stylianos E; Blouin, Jean-Louis					Not found on Microsoft Academic
15087635	Background infusion is not beneficial during labor patient-controlled analgesia with 0.1% ropivacaine plus 0.5 microg/ml sufentanil.	2004	Anesthesiology	Boselli, Emmanuel; Debon, Richard; Cimino, Yann; Rimmels, Thomas; Allauchiche, Bernard; Chassard, Dominique					Not found on Microsoft Academic
15087632	Meperidine suppresses the excitability of spinal dorsal horn neurons.	2004	Anesthesiology	Wolff, Matthias; Olschewski, Andrea; Vogel, Werner; Hempelmann, Gunter					21
15087630	Analgesic effects of gabapentin after spinal surgery.	2004	Anesthesiology	Turan, Alparslan; Karamanlioglu, Beyhan; Memis, Dilek; Hamamcioglu, Mustafa Kemal; Tukemmez, Bars; Pamukcu, Zafer; Kurt, Imran					191
15087629	Intrathecal anesthesia and recovery from radical prostatectomy: a prospective, randomized, controlled trial.	2004	Anesthesiology	Brown, Daniel R; Hofer, Roger E; Patterson, David E; Fronapfel, Paul J; Maxson, Pamela M; Narr, Brady J; Eisenach, John H; Blute, Michael L; Schroeder, Darrell R; Warner, David O					31
15087627	Nerve injury induces a tonic bilateral mu-opioid receptor-mediated inhibitory effect on mechanical allodynia in mice.	2004	Anesthesiology	Mansikka, Heikki; Zhao, Chengshui; Sheth, Rishi N; Sora, Ichiro; Uhl, George; Raja, Srinivasa N					Not found on Microsoft Academic
15087626	Antiallodynic effects of systemic and intrathecal morphine in the spared nerve injury model of neuropathic pain in rats.	2004	Anesthesiology	Zhao, Chengshui; Tall, Jill M; Meyer, Richard A; Raja, Srinivasa N		Y			58
15087616	Electroencephalographic bicoherence is sensitive to noxious stimuli during isoflurane or sevoflurane anesthesia.	2004	Anesthesiology	Hagihira, Satoshi; Takashina, Masaki; Mori, Takahiko; Ueyama, Hiroshi; Mashimo, Takashi					61
15087615	Does the use of electroencephalographic bispectral index or auditory evoked potential index monitoring facilitate recovery after desflurane anesthesia in the ambulatory setting?	2004	Anesthesiology	White, Paul F; Ma, Hong; Tang, Jun; Wender, Ronald H; Sloninsky, Alexander; Kariger, Robert					86
15087614	Recurrent hypoxemia in young children with obstructive sleep apnea is associated with reduced opioid requirement for analgesia.	2004	Anesthesiology	Brown, Karen A; Laferriere, Andre; Moss, Immanuel Rave					124
15087608	Did experimenter bias conceal the efficacy of spinal opioids in previous studies with the spinal nerve ligation model of neuropathic pain?	2004	Anesthesiology	Eisenach, James C; Lindner, Mark D		Y			19
15078741	Spinal prostaglandin formation and pain perception following thoracotomy: a role for cyclooxygenase-2.	2004	Chest	McCrory, Connail; Fitzgerald, Desmond					21
15077256	Prognosis and quality of life in patients with acute low back pain: insights from a comprehensive inception cohort study.	2004	Arthritis And Rheumatism	Coste, Joel; Lefrancois, Gerard; Guillemin, Francis; Pouchot, Jacques					60
15062720	When is spinal pain "neuropathic"?	2004	The Orthopedic Clinics Of North America	Gorman, David J; Kam, Peter A; Brisby, Helena; Diwan, Ashish D					5
15062713	Diagnostic evaluation of low back pain.	2004	The Orthopedic Clinics Of North America	Carraige, Eugene J; Hannibal, Matthew		Y			103
15041620	Tramadol added to 1.5% mepivacaine for axillary brachial plexus block improves postoperative analgesia dose-dependently.	2004	Anesthesia And Analgesia	Robaux, Sebastien; Blunt, Cornelia; Viel, Eric; Civillon, Philippe; Nouguier, Philippe; Dautel, Gilles; Boileau, Sylvie; Girard, Florence; Bouaziz, Hervé		Y			85
15041616	Intrathecal sufentanil and fetal heart rate abnormalities: a double-blind, double placebo-controlled trial comparing two forms of combined spinal epidural analgesia with epidural analgesia in labor.	2004	Anesthesia And Analgesia	Van de Velde, M; Teunkens, A; Hanssens, M; Vandermeersch, E; Verhaeghe, J		Y			108

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15041615	Epidural infusions of ropivacaine and bupivacaine for labor analgesia: a randomized, double-blind study of obstetric outcome.	2004	Anesthesia And Analgesia	Lee, Bee B; Ngan Kee, Warwick D; Ng, Floria F; Lau, Tze K; Wong, Eliza L Y					25
15041604	Postoperative epidural anesthesia preserves lymphocyte, but not monocyte, immune function after major spine surgery.	2004	Anesthesia And Analgesia	Volk, Thomas; Schenk, Michael; Voigt, Kristina; Tohtz, Stefan; Putzier, Michael; Kox, Wolfgang J					75
15041602	The efficacy of continuous fascia iliaca compartment block for pain management in burn patients undergoing skin grafting procedures.	2004	Anesthesia And Analgesia	Cuignet, Olivier; Pirson, Jean; Boughrouph, Jenna; Duville, Diane		Y			56
15041601	Single-dose haloperidol for the prophylaxis of postoperative nausea and vomiting after intrathecal morphine.	2004	Anesthesia And Analgesia	Parlow, Joel L; Costache, Ioana; Avery, Nicole; Turner, Kim		Y			36
15041600	A dose ranging study of dexamethasone for preventing patient-controlled analgesia-related nausea and vomiting: a comparison of droperidol with saline.	2004	Anesthesia And Analgesia	Lee, Yi; Lai, Hsien-Yung; Lin, Pei-Chin; Lin, Youh-Sun; Huang, Shen-Jer; Shyr, Ming-Hwang		Y			46
15041599	Analgesic effects of intraarticular sufentanil and sufentanil plus methylprednisolone after arthroscopic knee surgery.	2004	Anesthesia And Analgesia	Kizilkaya, Mehmet; Yildirim, Omer Selim; Dogan, Nazim; Kursad, Husnu; Okur, Ali		Y			27
15041597	Perioperative intravenous lidocaine has preventive effects on postoperative pain and morphine consumption after major abdominal surgery.	2004	Anesthesia And Analgesia	Koppert, Wolfgang; Weigand, Marc; Neumann, Frank; Sitt, Reinhard; Schuetterl, Jurgen; Schmelz, Martin; Hering, Werner					217
15041596	Preoperative ketamine improves postoperative analgesia after gynecologic laparoscopic surgery.	2004	Anesthesia And Analgesia	Kwok, Rebecca F K; Lim, Jean; Chan, Matthew T V; Gin, Tony; Chiu, Wallace K Y		Y			77
15041595	Preoperative oral rofecoxib reduces postoperative pain and tramadol consumption in patients after abdominal hysterectomy.	2004	Anesthesia And Analgesia	Karamanlioglu, Beyhan; Turan, Alparslan; Memis, Dilek; Ture, Mevlut		Y			30
15041582	Perioperative rofecoxib improves early recovery after outpatient herniorrhaphy.	2004	Anesthesia And Analgesia	Ma, Hong; Tang, Jun; White, Paul F; Zaentz, Alan; Wender, Ronald H; Sloninsky, Alexander; Naruse, Robert; Kariger, Robert; Quon, Raymond; Wood, Dennis; Carroll, Brendan J					39
15041580	A review of intrathecal and epidural analgesia after spinal surgery in children.	2004	Anesthesia And Analgesia	Tobias, Joseph D		Y			56
15041504	Combination tramadol plus acetaminophen for postsurgical pain.	2004	American Journal Of Surgery	Smith, Adam B; Ravikumar, Thanjavur S; Kamin, Marc; Jordan, Donna; Xiang, Jim; Rosenthal, Norman					52
15039694	Emergency medicine and pain: a topography of influence.	2004	Annals Of Emergency Medicine	Todd, Knox H		Y			12
15039693	Inadequate analgesia in emergency medicine.	2004	Annals Of Emergency Medicine	Rupp, Timothy; Delaney, Kathleen A					356
15039692	Variability in emergency physician decision making about prescribing opioid analgesics.	2004	Annals Of Emergency Medicine	Tamayo-Sarver, Joshua H; Dawson, Neal V; Cydulka, Rita K; Wigton, Robert S; Baker, David W					47
15038251	Another cause of hypogonadism.	2004	Postgraduate Medicine	Reiser, Jeffrey	Y				0
15026400	Patient-controlled transdermal fentanyl hydrochloride vs intravenous morphine pump for postoperative pain: a randomized controlled trial.	2004	JAMA	Viscusi, Eugene R; Reynolds, Lowell; Chung, Frances; Atkinson, Linda E; Khanna, Sarita	Y				204
15023106	Pre-operative information and patient-controlled analgesia: much ado about nothing.	2004	Anaesthesia	Chumbley, G M; Ward, L; Hall, G M; Salmon, P					32
15023105	The effect of epidural analgesia in labour on maternal respiratory function.	2004	Anaesthesia	von Ungern-Sternberg, B S; Regli, A; Bucher, E; Reber, A; Schneider, M C		Y			20
15023032	Cutting back on high-dosage narcotics.	2004	American Family Physician	Katz, Richard T		Y			0
15023023	Information from your family doctor. Chronic pain medicines.	2004	American Family Physician						Not found on Microsoft Academic
15017270	Reliable visceromotor responses are evoked by noxious bladder distention in mice.	2004	The Journal Of Urology	Ness, Timothy J; Elhefn, Hanaa		Y			33
15010438	Parenteral vs epidural analgesia for postoperative pain.	2004	JAMA	Jankowski, Christopher J; Warner, David O		Y			4
15007162	Evaluation and treatment of central pain syndromes.	2004	Neurology	Nicholson, Bruce D		Y			93
15001964	Systemic exposure to morphine and the risk of acute chest syndrome in sickle cell disease.	2004	Clinical Pharmacology And Therapeutics	Kopecky, Ernest A; Jacobson, Sheila; Joshi, Prashant; Koren, Gideon					Not found on Microsoft Academic
14996778	Effect of neurolytic celiac plexus block on pain relief, quality of life, and survival in patients with unresectable pancreatic cancer: a randomized controlled trial.	2004	JAMA	Wong, Gilbert Y; Schroeder, Darrell R; Carns, Paul E; Wilson, Jack L; Martin, David P; Kinney, Michelle O; Mantilla, Carlos B; Warner, David O					302
14996774	Management of cancer pain.	2004	JAMA	Flores, Chris		Y			77
14996773	Management of cancer pain.	2004	JAMA	Rosenow, Joshua M		Y			77
14996772	Management of cancer pain.	2004	JAMA	Burton, Allen W; Rajagopal, Arun; Cleeland, Charles S; Hassenbusch, Samuel J 3rd; Carr, Daniel B		Y			77
14993125	Morphine-tolerant mice exhibit a profound and persistent cardioprotective phenotype.	2004	Circulation	Pearl, Jason N; Gross, Garrett J					35
14984518	A randomised, controlled study of peri-operative low dose s(+)-ketamine in combination with postoperative patient-controlled s(+)-ketamine and morphine after radical prostatectomy.	2004	Anaesthesia	Snijdelaar, D G; Cornelisse, H B; Schmid, R L; Katz, J					40
14983137	Patients' perceptions of pain management after cardiac surgery in an Australian critical care unit.	2004	Heart & Lung : The Journal Of Critical Care	Yorke, Janelle; Wallis, Marianne; McLean, Brad		Y			56
14982259	Incidence of constipation associated with long-acting opioid therapy: a comparative study.	2004	Southern Medical Journal	Staats, Peter S; Markowitz, Jeffrey; Schein, Jeffrey		Y			55

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14980946	Persistent cerebrospinal fluid leak: a complication of the combined spinal-epidural technique.	2004	Anesthesia And Analgesia	Chan, Brian O; Paech, Michael J		Y		28
14980942	Combined spinal-epidural anesthesia using epidural volume extension leads to faster motor recovery after elective cesarean delivery: a prospective, randomized, double-blind study.	2004	Anesthesia And Analgesia	Lew, Eileen; Yeo, Seow-Woon; Thomas, Easaw		Y		65
14980931	Analgesia after total knee arthroplasty: is continuous sciatic blockade needed in addition to continuous femoral blockade?	2004	Anesthesia And Analgesia	Ben-David, Bruce; Schmalenberger, Kevin; Chelly, Jacques E		Y		109
14980927	Reduction of beta-endorphin-containing immune cells in inflamed paw tissue corresponds with a reduction in immune-derived antinociception: reversible by donor activated lymphocytes.	2004	Anesthesia And Analgesia	Hermanusse, Siobhan; Do, MyHong; Cabot, Peter John				Not found on Microsoft Academic
14980926	Dextromethorphan-associated epidural patient-controlled analgesia provides better pain- and analgesics-sparing effects than dextromethorphan-associated intravenous patient-controlled analgesia after bone-malignancy resection: a randomized, placebo-controlled, double-blinded study.	2004	Anesthesia And Analgesia	Weinbroum, Avi A; Bender, Benjamin; Nirkin, Alexander; Chazan, Shoshana; Meller, Isaac; Kollender, Yehuda		Y		22
14980925	Cost drivers in patient-controlled epidural analgesia for postoperative pain management after major surgery.	2004	Anesthesia And Analgesia	Schuster, Martin; Gottschalk, Andre; Freitag, Marc; Standl, Thomas		Y		32
14980920	The pharmacodynamic effects of a lower-lipid emulsion of propofol: a comparison with the standard propofol emulsion.	2004	Anesthesia And Analgesia	Song, Dajun; Hamza, Mohamed; White, Paul F; Klein, Kevin; Recart, Alejandro; Khodaparast, Omeed				32
14980914	Functional inhibition by methadone of N-methyl-D-aspartate receptors expressed in Xenopus oocytes: stereospecific and subunit effects.	2004	Anesthesia And Analgesia	Callahan, Robert J; Au, John D; Paul, Matthias; Liu, Canhui; Yost, C Spencer	Y			68
14978839	Opioid therapy for chronic pain.	2004	The New England Journal Of Medicine	Klein, Milton J		Y		5
14978838	Opioid therapy for chronic pain.	2004	The New England Journal Of Medicine	Gajraj, Noor		Y		5
14978837	Opioid therapy for chronic pain.	2004	The New England Journal Of Medicine	Hermos, John A		Y		5
14970960	Trial of amitriptyline for relief of pain in amputees: results of a randomized controlled study.	2004	Archives Of Physical Medicine And Rehabilitation	Robinson, Lawrence R; Czerniecki, Joseph M; Ehde, Dawn M; Edwards, W Thomas; Judish, David A; Goldberg, Myron L; Campbell, Kellye M; Smith, Douglas G; Jensen, Mark P		Y		95
14770444	Symptomatic hypogonadism in male survivors of cancer with chronic exposure to opioids.	2004	Cancer	Rajagopal, Arun; Vassilopoulou-Sellin, Rena; Palmer, J Lynn; Kaur, Guddi; Bruera, Eduardo		Y		142
14769626	Inappropriate medication prescribing for elderly ambulatory care patients.	2004	Archives Of Internal Medicine	Goulding, Margie Rauch		Y		240
14767271	Ketorolac: safe and effective analgesia for the management of renal cortical tumors with partial nephrectomy.	2004	The Journal Of Urology	Diblasio, Christopher J; Snyder, Mark E; Kattan, Michael W; Russo, Paul		Y		18
14758947	Efficacy of scheduled nonnarcotic analgesic medications in children after suboccipital craniectomy.	2004	Journal Of Neurosurgery	Smyth, Matthew D; Banks, Jason T; Tubbs, R Shane; Wellons, John C 3rd; Oakes, W Jerry		Y		15
14749632	Laparoscopic occlusion of uterine vessels for the treatment of symptomatic fibroids: Initial experience and comparison to uterine artery embolization.	2004	American Journal Of Obstetrics And Gynecology	Hald, Kirsten; Langebrekke, Anton; Klow, Nils Einar; Noreng, Hans Jorgen; Berge, Anette Bugge; Istrø, Olav		Y		73
14746420	Sex differences in analgesia: a randomized trial of mu versus kappa opioid agonists.	2004	Southern Medical Journal	Miller, Penny L; Ernst, Amy A				Not found on Microsoft Academic
14742416	Local anesthetic switching for intrathecal tachyphylaxis in cancer patients with pain.	2004	Anesthesia And Analgesia	Yang, Chih-Ping; Yeh, Chun-Chang; Wong, Chih-Shung; Wu, Ching-Tang		Y		5
14742383	Reversal of an unintentional spinal anesthetic by cerebrospinal lavage.	2004	Anesthesia And Analgesia	Tsui, Ban C H; Malherbe, Stephan; Koller, John; Aronyk, Keith				18
14742382	The safety and efficacy of a fentanyl patient-controlled transdermal system for acute postoperative analgesia: a multicenter, placebo-controlled trial.	2004	Anesthesia And Analgesia	Chelly, Jacques E; Grass, Jeffrey; Houseman, Timothy W; Minkowitz, Harold; Pue, Alex				136
14742381	The antinociceptive potencies and interactions of endogenous ligands during continuous intrathecal administration: adenosine, agmatine, and endomorphin-1.	2004	Anesthesia And Analgesia	Kekesi, Gabriella; Dobos, Ildiko; Benedek, Gyorgy; Horvath, Gyongyi				19
14742380	Differential opioid inhibition of C- and A delta- fiber mediated thermoneuroception after stimulation of the nucleus raphe magnus.	2004	Anesthesia And Analgesia	Lu, Ying; Sweitzer, Sarah M; Laurito, Charles E; Yeomans, David C		Y		Not found on Microsoft Academic
14742378	The effects of remifentanil and gabapentin on hyperalgesia in a new extended inflammatory skin pain model in healthy volunteers.	2004	Anesthesia And Analgesia	Gustorff, Burkhard; Hoechtl, Katharina; Sycha, Thomas; Felouzis, Evangelos; Lehr, Stephan; Kress, Hans G		Y		59
14742377	The median effective dose of nefopam and morphine administered intravenously for postoperative pain after minor surgery: a prospective randomized double-blinded isobolographic study of their analgesic action.	2004	Anesthesia And Analgesia	Beloeil, Helene; Delage, Noemie; Negre, Isabelle; Mazoit, Jean-Xavier; Benhamou, Dan				34

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14742376	Epidural levobupivacaine 0.1% or ropivacaine 0.1% combined with morphine provides comparable analgesia after abdominal surgery.	2004	Anesthesia And Analgesia	Senard, Marc; Kaba, Abdourhamane; Jacquemin, Murielle J; Maquoi, Luc M; Geortay, Marie-Pierre N; Honore, Pierre D; Lamy, Maurice L; Joris, Jean L		Y		35
14742366	Effective treatment of laparoscopic cholecystectomy pain with intravenous followed by oral COX-2 specific inhibitor.	2004	Anesthesia And Analgesia	Joshi, Girish P; Viscusi, Eugene R; Gan, Tong J; Minkowitz, Harold; Cipolle, Mark; Schuller, Reinhard; Cheung, Raymond Y; Fort, John G				81
14739815	Epidural neostigmine produces analgesia but also sedation in women after cesarean delivery.	2004	Anesthesiology	Kaya, F Nur; Sahin, Sukran; Owen, Medge D; Eisenach, James C				46
14739814	Paravertebral analgesia with levobupivacaine increases postoperative flap tissue oxygen tension after immediate latissimus dorsi breast reconstruction compared with intravenous opioid analgesia.	2004	Anesthesiology	Buggy, Donal J; Kerin, Michael J				52
14725524	Remifentanil to reduce pain on injection of propofol.	2004	Anaesthesia	Basaranoglu, G		Y		1
14718459	The efficacy of premixed nitrous oxide and oxygen for fiberoptic bronchoscopy in pediatric patients: a randomized, double-blind, controlled study.	2004	Chest	Fauroux, Brigitte; Onody, Peter; Gall, Olivier; Tournaire, Barbara; Koscielny, Serge; Clement, Annick				46
14711953	Effect of COX-2-specific inhibition on fracture-healing in the rat femur.	2004	The Journal Of Bone And Joint Surgery. American Volume	Brown, Karen M; Saunders, Marnie M; Kirsch, Thorsten; Donahue, Henry J; Reid, J Spence				117
14711851	Outcomes of infants born to mothers receiving methadone for pain management in pregnancy.	2004	Archives Of Disease In Childhood. Fetal And Neonatal Edition	Sharpe, C; Kuschel, C		Y		42
14710063	A randomized, controlled trial to compare ketorolac tromethamine versus placebo after cesarean section to reduce pain and narcotic usage.	2003	American Journal Of Obstetrics And Gynecology	Lowder, Jerry L; Shackelford, Donald P; Holbert, Don; Beste, Todd M		Y		49
14710057	Utility of preemptive local analgesia in vaginal hysterectomy.	2003	American Journal Of Obstetrics And Gynecology	O'Neal, M G; Beste, T; Shackelford, D P		Y		33
14709577	Intrathecal ziconotide in the treatment of refractory pain in patients with cancer or AIDS: a randomized controlled trial.	2004	JAMA	Staats, Peter S; Yearwood, Thomas; Charapata, Steven G; Presley, Robert W; Wallace, Mark S; Byas-Smith, Michael; Fisher, Robert; Bryce, David A; Mangieri, Eugene A; Luther, Robert R; Mayo, Martha; McGuire, Dawn; Ellis, David				449
14707810	Controlled-release oxycodone.	2004	The American Journal Of Nursing	Pasero, Chris; McCaffery, Margo		Y		1
14695736	Mobilization of opioid-containing polymorphonuclear cells by hematopoietic growth factors and influence on inflammatory pain.	2004	Anesthesiology	Brack, Alexander; Rittner, Heike L; Machelska, Halina; Beschmann, Karin; Sitte, Nicole; Schafer, Michael; Stein, Christoph				53
14695735	Labor analgesia and cesarean delivery: an individual patient meta-analysis of nulliparous women.	2004	Anesthesiology	Sharma, Shiv K; McIntire, Donald D; Wiley, Jackie; Leveno, Kenneth J				103
14695734	Effects of perioperative oral amantadine on postoperative pain and morphine consumption in patients after radical prostatectomy: results of a preliminary study.	2004	Anesthesiology	Snijdaelaar, Dirk G; Koren, Gideon; Katz, Joel				39
14695733	Pharmacokinetic-pharmacodynamic modeling of morphine-6-glucuronide-induced analgesia in healthy volunteers: absence of sex differences.	2004	Anesthesiology	Romberg, Raymonda; Olofsen, Erik; Sarton, Elise; den Hartigh, Jan; Taschner, Peter E M; Dahan, Albert				124
14695730	Chronic pain management: American Society of Anesthesiologists Closed Claims Project.	2004	Anesthesiology	Fitzgibbon, Dermot R; Posner, Karen L; Domino, Karen B; Caplan, Robert A; Lee, Lorri A; Cheney, Frederick W				221
14695729	Developmental regulation of codeine analgesia in the rat.	2004	Anesthesiology	Williams, D Glyn; Dickenson, Anthony; Fitzgerald, Maria; Howard, Richard F				16
14693616	Reduction in [D-Ala2, NMePhe4, Gly-ol5]enkephalin-induced peripheral antinociception in diabetic rats: the role of the L-arginine/nitric oxide/cyclic guanosine monophosphate pathway.	2004	Anesthesia And Analgesia	Tasatargil, Arda; Sadan, Gulay				13
14693613	The pharmacokinetics and efficacy of ropivacaine continuous wound instillation after spine fusion surgery.	2004	Anesthesia And Analgesia	Bianconi, Margherita; Ferraro, Luca; Ricci, Riccardo; Zanolli, Gustavo; Antonelli, Tiziana; Giulia, Bighetti; Guberti, Aurelia; Massari, Leo				96
14693612	Assessing analgesia in single and repeated administrations of propacetamol for postoperative pain: comparison with morphine after dental surgery.	2004	Anesthesia And Analgesia	Van Aken, Hugo; Thys, L; Veekman, Luc; Buerkle, Hartmut				80
14693611	The efficacy of dexmedetomidine versus morphine for postoperative analgesia after major inpatient surgery.	2004	Anesthesia And Analgesia	Arain, Shahbaz R; Ruehlow, Renee M; Uhrich, Toni D; Ebert, Thomas J		Y		253
14693607	Preoperative rofecoxib oral suspension as an analgesic adjunct after lower abdominal surgery: the effects on effort-dependent pain and pulmonary function.	2004	Anesthesia And Analgesia	Sinatra, Raymond S; Shen, Qiheng J; Halaszynski, Thomas; Luther, Martha A; Shaheen, Yasser				43
14693600	Are peripheral opioid antagonists the solution to opioid side effects?	2004	Anesthesia And Analgesia	Bates, John J; Foss, Joseph F; Murphy, Damian B		Y		37
14693596	Antagonism of cisatracurium and rocuronium block at a tactile train-of-four count of 2: should quantitative assessment of neuromuscular function be mandatory?	2004	Anesthesia And Analgesia	Kopman, Aaron F; Zank, Lee M; Ng, Jennifer; Neuman, George G				63
14693593	Spinal 2-chloroprocaine: the effect of added fentanyl.	2004	Anesthesia And Analgesia	Vath, Julie S; Kopacz, Dan J		Y		28
14693572	Perioperative COX-2 inhibitors: knowledge and challenges.	2004	Anesthesia And Analgesia	Kharasch, Evan D		Y		14

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14665996	Improved pain control after cardiac surgery: results of a randomized, double-blind, clinical trial.	2003	The Journal Of Thoracic And Cardiovascular Surgery	Dowling, Robert; Thielmeier, Kenneth; Ghaly, Aziz; Barber, Deborah; Boice, Todd; Dine, Alan		Y		88
14661621	Leading the way in African home-based palliative care. Free oral morphine has allowed expansion of model home-based palliative care in Uganda.	2003	Lancet (London, England)	Ramsay, Sarah		Y	Not found on Microsoft Academic	
14654631	Pain relievers and asthma.	2003	Pediatrics	South, Michael		Y		0
14652336	Racial and ethnic disparities in emergency department analgesic prescription.	2003	American Journal Of Public Health	Tamayo-Sarver, Joshua H; Hinze, Susan W; Cydulka, Rita K; Baker, David W				201
14644293	Massage as adjuvant therapy in the management of acute postoperative pain: a preliminary study in men.	2003	Journal Of The American College Of Surgeons	Piotrowski, Marcia M; Paterson, Cynthia; Mitchinson, Allison; Kim, Hyungjin Myra; Kirsh, Marvin; Hinshaw, Daniel B		Y		45
14639157	Antinociceptive effect of morphine, but not mu opioid receptor number, is attenuated in the spinal cord of diabetic rats.	2003	Anesthesiology	Chen, Shao-Rui; Pan, Hui-Lin		Y	Not found on Microsoft Academic	
14639141	Sleep arousal after lower abdominal surgery and relation to recovery from respiratory obstruction.	2003	Anesthesiology	Wu, Aihua; Drummond, Gordon B				11
14633563	Ropivacaine and fentanyl concentrations in patient-controlled epidural analgesia during labor: a volume-range study.	2003	Anesthesia And Analgesia	Bernard, Jean-Marc; Le Roux, Daniel; Frouin, Jacques		Y		19
14633562	The effect of right versus left lateral decubitus positions on induction of spinal anesthesia for cesarean delivery.	2003	Anesthesia And Analgesia	Law, Alice C S; Lam, Kwok K; Irwin, Michael G		Y		9
14633559	Kappa-opioid receptor selectivity for ischemic neuroprotection with BRL 52537 in rats.	2003	Anesthesia And Analgesia	Zhang, Zhizheng; Chen, Tsung-Ying; Kirsch, Jeffrey R; Toung, Thomas J K; Traystman, Richard J; Koehler, Raymond C; Hurn, Patricia D; Bhardwaj, Anish				35
14633552	Epidural analgesia at end of life: facing empirical contraindications.	2003	Anesthesia And Analgesia	Exner, Hans Juha; Peters, Jurgen; Eikermann, Matthias		Y		9
14633549	The synergistic analgesic interactions between hydrocodone and ibuprofen.	2003	Anesthesia And Analgesia	Kolesnikov, Yuri A; Wilson, Roger S; Pasternak, Gavril W				44
14633547	Optimizing the dose of intrathecal morphine in older patients undergoing hip arthroplasty.	2003	Anesthesia And Analgesia	Murphy, P M; Stack, D; Kinirons, B; Laffey, J G		Y		71
14633538	Preoperative fentanyl infusion with pharmacokinetic simulation for anesthetic and perioperative management of an opioid-tolerant patient.	2003	Anesthesia And Analgesia	Davis, Jennifer J; Johnson, Kenward B; Egan, Talmage D; Vezina, Daniel P; Snell, Timothy E; Swenson, Jeffrey D		Y		7
14633533	The effect of intraoperative use of esmolol and nicardipine on recovery after ambulatory surgery.	2003	Anesthesia And Analgesia	White, Paul F; Wang, Baoguo; Tang, Jun; Wender, Ronald H; Naruse, Robert; Sloninsky, Alexander				72
14633532	Preincisional treatment to prevent pain after ambulatory hernia surgery.	2003	Anesthesia And Analgesia	Pavlin, D Janet; Horvath, Karen D; Pavlin, Edward G; Sima, Kristen				27
14633531	Preoperative interscalene block for elective shoulder surgery: loss of benefit over early postoperative block after patient discharge to home.	2003	Anesthesia And Analgesia	Wurm, W Heinrich; Concepcion, Mercedes; Sternlicht, Andrew; Carabuena, Jean Marie; Robelen, Gary; Goudas, Leonidas C; Strassels, Scott A; Carr, Daniel B				22
14630714	Subcellular pathways of beta-endorphin synthesis, processing, and release from immunocytes in inflammatory pain.	2004	Endocrinology	Mousa, Shaaban A; Shakibaei, Mehd; Sitte, Nicolle; Schafer, Michael; Stein, Christoph			Not found on Microsoft Academic	
14623723	Advances in neuropathic pain: diagnosis, mechanisms, and treatment recommendations.	2003	Archives Of Neurology	Dworkin, Robert H; Backonja, Miroslav; Rowbotham, Michael C; Allen, Robert R; Argoff, Charles R; Bennett, Gary J; Bushnell, M Catherine; Farrar, John T; Galer, Bradley S; Haythornthwaite, Jennifer A; Hewitt, David J; Loeser, John D; Max, Mitchell B; Saltarelli, Mario; Schmader, Kenneth E; Stein, Christoph; Thompson, David; Turk, Dennis C; Wallace, Mark S; Watkins, Linda R; Weinstein, Sharon M				1008
14623707	Neurophysiology of pruritus: interaction of itch and pain.	2003	Archives Of Dermatology	Ikoma, Akihiko; Rukwied, Roman; Stander, Sonja; Steinhoff, Martin; Miyachi, Yoshiaki; Schmelz, Martin		Y		77
14623706	Neurophysiology of pruritus: cutaneous elicitation of itch.	2003	Archives Of Dermatology	Stander, Sonja; Steinhoff, Martin; Schmelz, Martin; Weisshaar, Elke; Metze, Dieter; Luger, Thomas		Y		176
14616623	Remifentanil for the pain of pancreatitis.	2003	Anaesthesia	Gopal, S T; Lane, M P; Park, G R		Y		0
14614170	Opioid therapy for chronic pain.	2003	The New England Journal Of Medicine	Ballantyne, Jane C; Mao, Jianren		Y		767
14613087	Characterization and opioid modulation of inflammatory temporomandibular joint pain in the rat.	2003	Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Hartwig, Andrew C; Mathias, Sarah I; Law, Alan S; Gebhart, G F		Y		22
14612485	Cancer pain.	2003	JAMA	Bruera, Eduardo; Kim, Hak Nam		Y	Not found on Microsoft Academic	
14612484	A capsule history of pain management.	2003	JAMA	Meldrum, Marcia L		Y		86
14612482	Efficacy of postoperative epidural analgesia: a meta-analysis.	2003	JAMA	Block, Brian M; Liu, Spencer S; Rowlingson, Andrew J; Cowan, Anne R; Cowan, John A Jr; Wu, Christopher L		Y		690

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14612478	Routine morphine infusion in preterm newborns who received ventilatory support: a randomized controlled trial.	2003	JAMA	Simons, Sinno H P; van Dijk, Monique; van Lingen, Richard A; Roofthooft, Daniella; Duivenvoorden, Hugo J; Jongeneel, Niesje; Bunkers, Carin; Smink, Enna; Anand, K J S; van den Anker, John N; Tibboel, Dick				207
14612477	Effects of perioperative administration of a selective cyclooxygenase 2 inhibitor on pain management and recovery of function after knee replacement: a randomized controlled trial.	2003	JAMA	Buvanendran, Asokumar; Kroin, Jeffrey S; Tuman, Kenneth J; Lubenow, Timothy R; Elmofly, Dalia; Moric, Mario; Rosenberg, Aaron G				287
14612466	Methadone maintenance therapy and chronic pain.	2003	JAMA	Strelitzer, Jon; Kosten, Thomas R	Y		4	
14610411	Bisphosphonates to prevent skeletal complications in men with metastatic prostate cancer.	2003	The Journal Of Urology	Smith, Matthew R	Y		21	
14609900	Safe and efficacious use of procedural sedation and analgesia by nonanesthesiologists in a pediatric emergency department.	2003	Archives Of Pediatrics & Adolescent Medicine	Pitetti, Raymond D; Singh, Sonia; Pierce, Mary Clyde	Y		147	
14609895	Beta-endorphin concentration after administration of sucrose in preterm infants.	2003	Archives Of Pediatrics & Adolescent Medicine	Taddio, Anna; Shah, Vibhuti; Shah, Prakesh; Katz, Joel				Not found on Microsoft Academic
14609789	Medical and psychiatric conditions of alcohol and drug treatment patients in an HMO: comparison with matched controls.	2003	Archives Of Internal Medicine	Mertens, Jennifer R; Lu, Yun W; Parthasarathy, Sujaya; Moore, Charles; Weisner, Constance M				174
14601699	Use of opioids in the treatment of severe pain in terminally ill patients—dying should not be painful.	2003	Mayo Clinic Proceedings	Moynihan, Timothy J	Y		7	
14595056	Analgesia for children with acute abdominal pain: a survey of pediatric emergency physicians and pediatric surgeons.	2003	Pediatrics	Kim, Michael K; Galustyan, Sergey; Sato, Thomas T; Bergholte, Jo; Hennes, Halim M	Y		41	
14585917	The burden of acute postoperative pain and the potential role of the COX-2-specific inhibitors.	2003	Rheumatology (Oxford, England)	Stephens, J; Laskin, B; Pashos, C; Pena, B; Wong, J			54	
14585414	Factors affecting intravenous analgesic requirements after colectomy.	2003	Journal Of The American College Of Surgeons	Joels, Charles S; Mostafa, Gamal; Matthews, Brent D; Kercher, Kent W; Sing, Ronald F; Norton, H James; Heniford, B Todd	Y		30	
14581304	Opioids and chronic pain.	2003	CMAJ : Canadian Medical Association Journal (Journal De L'Association Medcale Canadienne)	Busse, Jason W	Y		2	
14581303	Opioids and chronic pain.	2003	CMAJ : Canadian Medical Association Journal (Journal De L'Association Medcale Canadienne)	Russell, Anthony S; Aaron, Stephen L	Y		2	
14578803	An outcome study comparing intravenous sedation with midazolam/fentanyl (conscious sedation) versus propofol infusion (deep sedation) for aesthetic surgery.	2003	Plastic And Reconstructive Surgery	Hasen, Kent V; Samartzis, Dino; Casas, Laurie A; Mustoe, Thomas A	Y		35	
14576555	Efficacy, safety, and pharmacokinetics of levobupivacaine with and without fentanyl after continuous epidural infusion in children: a multicenter trial.	2003	Anesthesiology	Lerman, Jerrold; Nolan, Judith; Eyes, Rob; Schily, Mark; Stoddart, Peter; Bolton, Christopher M; Mazzeo, Frank; Wolf, Andrew R			40	
14576541	Comparison of the LMA-classic with the new disposable soft seal laryngeal mask in spontaneously breathing adult patients.	2003	Anesthesiology	Van Zundert, Andre A J; Fonck, Kristine; Al-Shaikh, Bahaa; Mortier, Eric			53	
14570675	Reduced duration of intrathecal sufentanil analgesia in laboring cocaine users.	2003	Anesthesia And Analgesia	Ross, Vernon H; Moore, Charles H; Pan, Peter H; Fragneto, Regina Y; James, Robert L; Justis, Gina B	Y		10	
14570666	Women experience more pain and require more morphine than men to achieve a similar degree of analgesia.	2003	Anesthesia And Analgesia	Cepeda, M Soledad; Carr, Daniel B			203	
14570665	Mu-opioid receptor mRNA regulation during morphine tolerance in the rat peripheral nervous system.	2003	Anesthesia And Analgesia	Meuser, Thomas; Giesecke, Thorsten; Gabriel, Anja; Horsch, Maria; Sabatowski, Rainer; Hescheler, Jurgen; Grond, Stefan; Palmer, Pamela Pierce			13	
14570664	Intrathecal morphine for postoperative analgesia: a randomized, controlled, dose-ranging study after hip and knee arthroplasty.	2003	Anesthesia And Analgesia	Rathmell, James P; Pino, Carlos A; Taylor, Richard; Patrin, Terri; Viani, Bruce A			90	
14570663	Spinal mechanisms contribute to analgesia produced by epidural sufentanil combined with bupivacaine for postoperative analgesia.	2003	Anesthesia And Analgesia	Joris, Jean L; Jacob, Eric A; Sessler, Daniel I; Deleuse, Jean-Francois J; Kaba, Abdourahmane; Lamy, Maurice L			15	
14570662	The site of action of epidural fentanyl infusions in the presence of local anesthetics: a minimum local analgesic concentration infusion study in nulliparous labor.	2003	Anesthesia And Analgesia	Ginosar, Yehuda; Columb, Malachy O; Cohen, Sheila E; Mirikatani, Edward; Tingle, Martha S; Ratner, Emily F; Angst, Martin S; Riley, Edward T			40	
14570661	The site of action of epidural fentanyl in humans: the difference between infusion and bolus administration.	2003	Anesthesia And Analgesia	Ginosar, Yehuda; Riley, Edward T; Angst, Martin S			83	
14570650	Detection of acute tolerance to the analgesic and nonanalgesic effects of remifentanil infusion in a rabbit model.	2003	Anesthesia And Analgesia	Hayashida, Masakazu; Fukunaga, Atsuo; Hanaoka, Kazuo	Y		32	
14570649	An animal model for surgical anesthesia and analgesia: characterization with isoflurane anesthesia and remifentanil analgesia.	2003	Anesthesia And Analgesia	Hayashida, Masakazu; Fukunaga, Atsuo; Hanaoka, Kazuo	Y		12	

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14570643	The use of a continuous popliteal sciatic nerve block after surgery involving the foot and ankle: does it improve the quality of recovery?	2003	Anesthesia And Analgesia	White, Paul F; Issiou, Tijani; Skrivanek, Gary D; Early, John S; Wakefield, Cynthia					168
14567208	The complex pain patient: interventional treatment and nursing issues.	2003	The Nursing Clinics Of North America	St Marie, Barbara			Y		1
14567207	Chronic pain, substance abuse and addiction.	2003	The Nursing Clinics Of North America	Compton, Peggy; Athanasos, Peter					36
14567204	Physical modalities in chronic pain management.	2003	The Nursing Clinics Of North America	Rakel, Barbara; Barr, John O			Y		36
14567202	Nonopiod and adjuvant analgesics in chronic pain management: strategies for effective use.	2003	The Nursing Clinics Of North America	Gordon, Debra B			Y		5
14567201	The use of long-acting opioids in chronic pain management.	2003	The Nursing Clinics Of North America	Vallerand, April Hazard			Y		56
14563140	One-level one-sided lumbar disc surgery with and without microscopic assistance: 1-year outcome in 114 consecutive patients.	2003	Journal Of Neurosurgery	Tureyen, Kudret			Y		44
14534517	Respiratory and miotic effects of morphine in healthy volunteers when P-glycoprotein is blocked by quinidine.	2003	Clinical Pharmacology And Therapeutics	Skarke, Carsten; Jarrar, Marwan; Erb, Katharina; Schmidt, Helmut; Geisslinger, Gerd; Lotsch, Jörn					52
14532850	Gene therapy for bladder pain with gene gun particle encoding pro-opiomelanocortin cDNA.	2003	The Journal Of Urology	Chuang, Yao-Chi; Chou, A-K; Wu, P-C; Chiang, Po-Hui; Yu, T-J; Yang, L-C; Yoshimura, Naoki; Chancellor, Michael B					25
14532814	Chronic pain syndrome after laparoscopic radical nephrectomy.	2003	The Journal Of Urology	Oefelein, Michael G; Bayazit, Yıldırım			Y		13
14532795	Total pelvic exenteration: effective palliation of perineal pain in patients with locally recurrent prostate cancer.	2003	The Journal Of Urology	Kamat, Ashish M; Huang, Samuel F; Bermejo, Carlos E; Rosser, Charles J; Pettaway, Curtis A; Pisters, Peter W T; Guitreau, Darren P; Pisters, Louis L			Y		38
14530709	Epidural analgesia for postoperative pain.	2003	The American Journal Of Nursing	Pasero, Chris			Y		3
14529983	The effect of standard posterolateral versus muscle-sparing thoracotomy on multiple parameters.	2003	The Annals Of Thoracic Surgery	Akcali, Yigit; Demir, Hasan; Tezcan, Bekir			Y		51
14519710	Analgesic effect of the synthetic cannabinoid CT-3 on chronic neuropathic pain: a randomized controlled trial.	2003	JAMA	Karst, Matthias; Salim, Kahlid; Burstein, Sumner; Conrad, Ingmar; Hoy, Ludwig; Schneider, Udo					234
14515286	Randomized clinical trial comparing epidural anaesthesia and patient-controlled analgesia after laparoscopic segmental colectomy.	2003	The British Journal Of Surgery	Senagore, A J; Delaney, C P; Mekhail, N; Dugan, A; Fazio, V W			Y		128
14508344	Use of anesthesia-assisted detoxification in the opioid-dependent pain patient.	2003	Anesthesiology	Gourlay, Douglas			Y		0
14508341	A mouse model of incisional pain.	2003	Anesthesiology	Pogatzki, Esther M; Raja, Srinivasa N			Y		119
14508335	A systematic review of the safety and effectiveness of fast-track cardiac anaesthesia.	2003	Anesthesiology	Myles, Paul S; Daly, David J; Djaiani, George; Lee, Anna; Cheng, Davy C H					138
14508333	Synergistic antinociceptive effects of ketamine and morphine in the orofacial capsaicin test in the rat.	2003	Anesthesiology	Alvarez, Pedro; Saavedra, Gloria; Hernandez, Alejandro; Paeile, Carlos; Pelissier, Teresa					28
14508330	Brain stem opioidergic and GABAergic neurons mediate the antinociceptive effect of nitrous oxide in Fischer rats.	2003	Anesthesiology	Ohashi, Yoko; Guo, Tianzhi; Orii, Ryo; Maze, Mervyn; Fujinaga, Masahiko					37
14508328	Pharmacokinetics of an implanted osmotic pump delivering sufentanil for the treatment of chronic pain.	2003	Anesthesiology	Fisher, Dennis M; Kellett, Norma; Lenhardt, Rainer					26
14508326	Use of a continuous local anesthetic infusion for pain management after median sternotomy.	2003	Anesthesiology	White, Paul F; Rawal, Shivani; Latham, Paige; Markowitz, Scott; Issiou, Tijani; Chi, Lei; Dellaria, Suzanne; Shi, Chen; Morse, Lisa; Ing, Caleb					148
14508311	Effect of auditory evoked potential index monitoring on anesthetic drug requirements and recovery profile after laparoscopic surgery: a clinical utility study.	2003	Anesthesiology	Recart, Alejandro; White, Paul F; Wang, Agnes; Gasanova, Irina; Byerly, Stephanie; Jones, Stephanie B					41
14504347	Pilot tolerability and effectiveness study of levetiracetam for postherpetic neuralgia.	2003	Neurology	Rowbotham, Michael C; Manville, Nira S; Ren, Junlong					31
14500165	Analgesic synergy between topical morphine and butabarbital in mice.	2003	Anesthesia And Analgesia	Kolesnikov, Yuri A; Cristea, Marcela; Pasternak, Gavril W					9
14500164	Behavioral monitoring and urine toxicology testing in patients receiving long-term opioid therapy.	2003	Anesthesia And Analgesia	Katz, Nathaniel P; Sherburne, Summer; Beach, Michael; Rose, Robert J; Viegluth, Janet; Bradley, Joyce; Fanciullo, Gilbert J			Y		210
14500163	Intraoperative intravenous ketamine in combination with epidural analgesia: postoperative analgesia after renal surgery.	2003	Anesthesia And Analgesia	Karamaz, Alper; Kaya, Sedat; Karaman, Haktan; Turhanoglu, Selim; Ozylmaz, Mehmet Ali			Y		42
14500162	Continuous wound infiltration with ropivacaine reduces pain and analgesic requirement after shoulder surgery.	2003	Anesthesia And Analgesia	Gottschalk, Andre; Burmeister, Marc-Alexander; Radtke, Patricia; Krieg, Markus; Farokhzad, Faraneh; Kreissl, Sonja; Strauss, Matthias; Standl, Thomas					77
14500153	Can determining the minimum alveolar anesthetic concentration of volatile anesthetic be used as an objective tool to assess antinociception in animals?	2003	Anesthesia And Analgesia	Docquier, Marie-Agnes; Lavand'homme, Patricia; Ledermann, Christian; Collet, Valerie; De Cock, Marc			Y		29
14500148	A comparison of psoas compartment block and spinal and general anesthesia for outpatient knee arthroscopy.	2003	Anesthesia And Analgesia	Jankowski, Christopher J; Hebl, James R; Stuart, Michael J; Rock, Michael G; Pagnano, Mark W; Beighley, Christopher M; Schroeder, Darrell R; Horlocker, Terese T			Y		89

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12969043	Sacrococcygeal local anaesthesia versus general anaesthesia for pilonidal sinus surgery: a prospective randomised trial.	2003	Anaesthesia	Naja, M Z; Ziade, M F; El Rajab, M			Y		20
12960557	Corticotropin-releasing factor mediates the antinociceptive action of nitrous oxide in rats.	2003	Anesthesiology	Sawamura, Shigehito; Obara, Mizuki; Takeda, Kenji; Maze, Mervyn; Hanaoka, Kazuo					31
12960555	Analgesic efficacy of inhaled morphine in patients after bunionectomy surgery.	2003	Anesthesiology	Thippawong, John B; Babul, Najib; Morishige, Richard J; Findlay, Hugh K; Reber, Keith R; Millward, Gary J; Otlana, Babatunde A					55
12940323	Septic discitis: an important cause of back pain.	2003	Southern Medical Journal	Patel, Prakashchandra; Olive, Kenneth E; Krishnan, Koyamangalath			Y		17
12933419	Hyperbaric bupivacaine 2.5 mg prolongs analgesia compared with plain bupivacaine when added to intrathecal fentanyl 25 microg in advanced labor.	2003	Anesthesia And Analgesia	Teoh, Wendy H L; Sia, Alex T H			Y	Not found on Microsoft Academic	
12933418	Patients with severe preeclampsia experience less hypotension during spinal anesthesia for elective cesarean delivery than healthy parturients: a prospective cohort comparison.	2003	Anesthesia And Analgesia	Aya, Antoine G M; Mangin, Roseline; Vialles, Nathalie; Ferrer, Jean-Michel; Robert, Colette; Ripart, Jacques; de La Coussaye, Jean-Emmanuel			Y		130
12933413	The effects of small-dose ketamine on morphine consumption in surgical intensive care unit patients after major abdominal surgery.	2003	Anesthesia And Analgesia	Guillou, Nicolas; Tangui, Michèle; Seguin, Philippe; Branger, Bernard; Campion, Jean-Pierre; Maledant, Yannick			Y		108
12933412	Patient-controlled sedation using propofol for dressing changes in burn patients: a dose-finding study.	2003	Anesthesia And Analgesia	Coimbra, Claudia; Choiniere, Manon; Hemmerling, Thomas M					55
12933409	The effects of postoperative pain management on immune response to surgery.	2003	Anesthesia And Analgesia	Beilin, Benzion; Shavit, Yehuda; Trabekin, Evelyn; Mordashev, Boris; Mayburd, Eduard; Zeidel, Alexander; Bessler, Hanna					162
12933407	Intravenous remifentanil produces withdrawal hyperalgesia in volunteers with capsaicin-induced hyperalgesia.	2003	Anesthesia And Analgesia	Hood, David D; Curry, Regina; Eisenach, James C			Y		161
12933406	The antinociceptive effect of nalbuphine and its long-acting esters in rats.	2003	Anesthesia And Analgesia	Chu, Kung-Shing; Wang, Jhi-Joung; Hu, Oliver Yoa-Pu; Ho, Shung-Tai; Chen, Yu-Wen			Y		12
12933405	Antinociceptive properties of neurosteroids: a comparison of alphadolone and alphaxalone in potentiation of opioid antinociception.	2003	Anesthesia And Analgesia	Winter, L; Nadeson, R; Tucker, A P; Goodchild, C S					35
12933404	Does pain relief improve pain behavior and mood in chronic pain patients?	2003	Anesthesia And Analgesia	Sator-Katzenschlager, Sabine M; Schiesser, Andreas W; Kozek-Langenecker, Sibylle A; Benetka, Gerhard; Langer, Gudrun; Kress, Hans-Georg			Y		29
12933398	The hypnotic and analgesic effects of 2-bromomelatonin.	2003	Anesthesia And Analgesia	Naguib, Mohamed; Baker, Max T; Spadoni, Gilberto; Gregerson, Marc					25
12933394	Characterization of nociceptin/orphanin FQ binding sites in dog brain membranes.	2003	Anesthesia And Analgesia	Johnson, Emma E; Gibson, Helen; Nicol, Beverley; Zanzinger, Johannes; Widdowson, Peter; Hawthorn, Mark; Toth, Geza; Farkas, Judit; Guerrini, Remo; Lambert, David G					5
12913760	Characterization of cyclophosphamide cystitis, a model of visceral and referred pain, in the mouse: species and strain differences.	2003	The Journal Of Urology	Bon, Karine; Lichtensteiger, Carol A; Wilson, Sonya G; Mogil, Jeffrey S					86
12912728	Interpretation of therapies for knee arthritis.	2003	Archives Of Internal Medicine	Christmas, Colleen; Moncada, Lainie			Y		0
12907105	A randomized clinical trial of lorazepam for the reduction of postoperative urinary retention.	2003	Obstetrics And Gynecology	Hershberger, Jonathan M; Milad, Magdy P					10
12891561	Pain as a complication of use of opiate antagonists for symptom control in cholestatosis.	2003	Gastroenterology	McRae, Christine A; Prince, Martin I; Hudson, Mark; Day, Christopher P; James, Oliver F W; Jones, David E J			Y		49
12890859	Acupuncture for chronic low back pain in older patients: a randomized, controlled trial.	2003	Rheumatology (Oxford, England)	Meng, C F; Wang, D; Ngew, J; Lao, L; Peterson, M; Paget, S					92
12886917	A comparison of cyclizine, ondansetron and placebo as prophylaxis against postoperative nausea and vomiting in children.	2003	Anaesthesia	O'Brien, C M; Titley, G; Whitehurst, P			Y		6
12886915	A comparison of intra-operative or postoperative exposure to music—a controlled trial of the effects on postoperative pain.	2003	Anaesthesia	Nilsson, U; Rawal, N; Unosson, M					117
12883507	Emergency department analgesia for fracture pain.	2003	Annals Of Emergency Medicine	Brown, Julie C; Klein, Eileen J; Lewis, Charlotte W; Johnston, Brian D; Cummings, Peter			Y		192
12883419	Interaction between the spinal melanocortin and opioid systems in a rat model of neuropathic pain.	2003	Anesthesiology	Vrinten, Dorien H; Gispen, Willem Hendrik; Kalkman, Cor J; Adan, Roger A H					20
12883406	Propofol and sufentanil titration with the bispectral index to provide anesthesia for coronary artery surgery.	2003	Anesthesiology	Foreslier, Francois; Hirschi, Marie; Rouget, Pierre; Rigal, Jean-Cristophe; Videcoq, Michel; Girardet, Pierre; Durand, Michel; Maitrasse, Bruno; Girard, Claude; Lehot, Jean-Jacques; Du Gres, Bernard; Sellin, Michel; Depoix, Jean-Pol; Janvier, Gerard; Longrois, Dan					45
12883405	Using the time of maximum effect site concentration to combine pharmacokinetics and pharmacodynamics.	2003	Anesthesiology	Minto, Charles F; Schnider, Thomas W; Gregg, Keith M; Henhorn, Thomas K; Shafer, Steven L					119

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12873948	Postoperative sensitization and pain after cesarean delivery and the effects of single im doses of tramadol and diclofenac alone and in combination.	2003	Anesthesia And Analgesia	Wilder-Smith, Clive H; Hill, Lauren; Dyer, Robert A; Torr, Gregory; Coetzee, Ed					67
12873944	Morphine-3-glucuronide's neuro-excitatory effects are mediated via indirect activation of N-methyl-D-aspartic acid receptors: mechanistic studies in embryonic cultured hippocampal neurones.	2003	Anesthesia And Analgesia	Hemstapet, Kamondanai; Monteith, Gregory R; Smith, Deborah; Smith, Maree T					45
12873925	Dexibuprofen (S+-isomer ibuprofen) reduces gastric damage and improves analgesic and antiinflammatory effects in rodents.	2003	Anesthesia And Analgesia	Bonabello, A; Galmozzi, M R; Canaparo, R; Isaia, G C; Serpe, L; Muntoni, E; Zara, G P		Y			42
12873918	The effect of small dose fentanyl on the emergence characteristics of pediatric patients after sevoflurane anesthesia without surgery.	2003	Anesthesia And Analgesia	Cravero, Joseph P; Beach, Michael; Thyr, Brian; Whalen, Kate		Y			127
12873909	Can the use of specific isomers improve the safety and efficacy of nonsteroidal antiinflammatory drugs?	2003	Anesthesia And Analgesia	White, Paul F					2
12859501	Intranasal fentanyl for postoperative analgesia after elective Caesarean section.	2003	Anaesthesia	Wong, P; Chadwick, F D; Karovits, J					18
12859464	A new formulation of nasal fentanyl spray for postoperative analgesia: a pilot study.	2003	Anaesthesia	Paech, M J; Lim, C B; Banks, S L; Rucklidge, M W M; Doherty, D A					44
12853788	Laparoscopic nephrectomy: assessment of morcellation versus intact specimen extraction on postoperative status.	2003	The Journal Of Urology	Hernandez, Fernando; Rha, Koon H; Pinto, Peter A; Kim, Fernando J; Klicos, Nicholas; Chan, Theresa Y; Kavoussi, Louis R; Jarrett, Thomas W		Y			37
12853209	Opioids in Italy: is marketing more powerful than the law?	2003	Lancet (London, England)	Chinellato, Alessandro; Terrazzani, Gianni; Walley, Tom; Giusti, Pietro		Y			30
12852415	Treating headache in the emergency ward: avoiding the migraine-meperidine trap.	2003	Annals Of Emergency Medicine	Gupta, Rajesh; Gernsheimer, Joel		Y			Not found on Microsoft Academic
12851630	Mibepradil: "Has the baby been thrown out with the bath water?"	2003	American Heart Journal	Beltrame, John F; Turner, Stuart P; Leslie, Sue; Horowitz, John D		Y			1
12850615	Management of the second stage of labor in nulliparas with continuous epidural analgesia.	2003	Obstetrics And Gynecology	Plunkett, Beth A; Lin, Alex; Wong, Cynthia A; Grobman, William A; Peaceman, Alan M		Y			43
12847039	Principles of opioid use in chronic noncancer pain.	2003	CMAJ : Canadian Medical Association Journal (Journal De L'Association Medcale Canadienne)	Gardner-Nix, Jacqueline		Y			34
12842375	Patients with chronic pain and abnormal pituitary function require investigation.	2003	Lancet (London, England)	Merza, Z; Edwards, N; Walters, S J; Newell-Price, J; Ross, R J M					13
12837876	Comparison of propofol/fentanyl versus ketamine/midazolam for brief orthopedic procedural sedation in a pediatric emergency department.	2003	Pediatrics	Godambe, Sandip A; Elliot, Vanessa; Matheny, Dana; Pershad, Jay					129
12837707	Pain management in patients with osteoarthritis.	2003	JAMA	Egener, Barry		Y			0
12830785	Chronic neuropathic pain.	2003	The New England Journal Of Medicine	Simpson, James K 3rd		Y			14
12830070	Efficacy and safety of the cyclooxygenase 2 inhibitors parecoxib and valdecoxib in patients undergoing coronary artery bypass surgery.	2003	The Journal Of Thoracic And Cardiovascular Surgery	Ott, Elisabeth; Nussmeier, Nancy A; Duke, Peter C; Feneck, Robert O; Alston, R Peter; Snabes, Michael C; Hubbard, Richard C; Hsu, Ping H; Saidman, Lawrence J; Mangano, Dennis T		Y			345
12827122	Effect of ethnicity and race on the use of pain medications in children with long bone fractures in the emergency department.	2003	Annals Of Emergency Medicine	Yen, Kenneth; Kim, Michael; Stremski, Ernest S; Gorelick, Marc H		Y			53
12826864	Preclinical work leading to the development of spinal analgesia.	2003	Anesthesiology	Yaksh, Tony L		Y			110
12826858	Chronically infused intrathecal morphine in dogs.	2003	Anesthesiology	Yaksh, Tony L; Horais, Kjersti A; Tozier, Nicolle A; Allen, Jeffrey W; Rathbun, Michael; Rossi, Steven S; Sommer, Claudia; Meschter, Carol; Richter, Philip J; Hildebrand, Keith R					Not found on Microsoft Academic
12826857	Cephalad movement of morphine and fentanyl in humans after intrathecal injection.	2003	Anesthesiology	Eisenach, James C; Hood, David D; Curry, Regina; Shafer, Steven L		Y			34
12826856	Postoperative morphine consumption in the elderly patient.	2003	Anesthesiology	Aubrun, Frederic; Bunge, Dorothea; Langeron, Olivier; Saillant, Gerard; Coriat, Pierre; Rio, Bruno		Y			77
12826855	Differential modulation of remifentanil-induced analgesia and postinfusion hyperalgesia by S-ketamine and clonidine in humans.	2003	Anesthesiology	Koppert, Wolfgang; Sittl, Reinhard; Scheuber, Karin; Alsheimer, Monika; Schmelz, Martin; Schuttlter, Jurgen					230
12826854	Effect of combining naloxone and morphine for intravenous patient-controlled analgesia.	2003	Anesthesiology	Sarlaian, James B; Barry, John J; Richardson, Christopher A; Branagan, Helen C		Y			54
12826647	Chronic neuropathic pain.	2003	The New England Journal Of Medicine	Canavero, Sergio; Bonicalzi, Vincenzo		Y			14
12818978	A comparison of dexamethasone, ondansetron, and dexamethasone plus ondansetron as prophylactic antiemetic and antipruritic therapy in patients receiving intrathecal morphine for major orthopedic surgery.	2003	Anesthesia And Analgesia	Szarvas, Szilvia; Chellapuri, Ramesh S; Harmon, Dominic C; Owens, John; Murphy, Damian; Shorten, George D		Y			45
12818975	Small dose bupivacaine-fentanyl spinal analgesia combined with morphine for labor.	2003	Anesthesia And Analgesia	Hess, Philip E; Vasudevan, Anasuya; Snowman, Caroline; Pratt, Stephen D		Y			24

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12818964	Local anesthetic switching for intrathecal tachyphylaxis in cancer patients with pain.	2003	Anesthesia And Analgesia	Mercadante, S; Villari, P; Ferrera, P; Arcuri, E				20
12818963	Alldynia after acute intrathecal morphine administration in a patient with neuropathic pain after spinal cord injury.	2003	Anesthesia And Analgesia	Parisod, Eric; Siddall, Philip J; Viney, Melissa; McClelland, Joan M; Cousins, Michael J		Y		20
12818939	An evaluation of the safety and efficacy of administering rofecoxib for postoperative pain management.	2003	Anesthesia And Analgesia	Joshi, Wandana; Connelly, Neil Roy; Reuben, Scott S; Wolkenhaar, Marten; Thakkar, Nikhil		Y		84
12818934	A comparison of intrathecal opioid and intravenous analgesia for the incidence of cardiovascular, respiratory, and renal complications after abdominal aortic surgery.	2003	Anesthesia And Analgesia	Feron, Marie-Helene; Weiskopf, Richard B; Bertrand, Michele; Mouren, Stephane; Eyraud, Daniel; Godet, Gilles; Riou, Bruno; Kieffer, Edouard; Coriat, Pierre				52
12814722	Why do men and women feel and react to pain differently? Research suggests men and women may not process pain signals the same way.	2003	Lancet (London, England)	Bradbury, Jane		Y	Not found on Microsoft Academic	
12807305	Envenomation by the Mexican beaded lizard: a case report.	2003	Journal Of Toxicology. Clinical Toxicology	Cantrell, F Lee		Y		27
12799336	Wall stent-enhanced lateral pancreaticojejunostomy for small-duct pancreatitis.	2003	Archives Of Surgery (Chicago, Ill. : 1960)	Madura, James A; Canal, David F; Lehman, Glen A		Y		12
12784350	A safe and effective method for converting patients from transdermal to intravenous fentanyl for the treatment of acute cancer-related pain.	2003	Cancer	Kornick, Craig A; Santiago-Palma, Juan; Schulman, Glenn; O'Brien, Peter C; Weigand, Stephen; Payne, Richard; Manfredi, Paolo L		Y		12
12766674	Gabapentin: the first preemptive anti-hyperalgesic for opioid withdrawal hyperalgesia?	2003	Anesthesiology	Gustorff, Burkhard; Kozek-Langenecker, Sibylle; Kress, Hans Georg		Y		9
12766660	Magnesium chloride and ruthenium red attenuate the antiallodynic effect of intrathecal gabapentin in a rat model of postoperative pain.	2003	Anesthesiology	Cheng, Jen-Kun; Lai, Yu-Jun; Chen, Chien-Chuan; Cheng, Ching-Rong; Chiou, Lih-Chu				21
12766659	Intrathecal morphine reduces the visceromotor response to acute uterine cervical distension in an estrogen-independent manner.	2003	Anesthesiology	Shin, Sang-Wook; Eisenach, James C		Y		19
12766657	Postoperative morphine use and hyperalgesia are reduced by preoperative but not intraoperative epidural analgesia: implications for preemptive analgesia and the prevention of central sensitization.	2003	Anesthesiology	Katz, Joel; Cohen, Lorenzo; Schmid, Roger; Chan, Vincent W S; Wowk, Adarose				89
12766654	A multicenter, randomized, controlled trial comparing bupivacaine with ropivacaine for labor analgesia.	2003	Anesthesiology	Halpern, Stephen H; Breen, Terrance W; Campbell, David C; Muir, Holly A; Kronberg, Jean; Nunn, Robert; Fick, Gordon H				56
12766651	Relationships between measurement of pain using visual analog score and morphine requirements during postoperative intravenous morphine titration.	2003	Anesthesiology	Aubrun, Frederic; Langeron, Olivier; Quesnel, Christophe; Coriat, Pierre; Riou, Bruno				180
12766649	Fetal plasma concentrations after intraamniotic sufentanil in chronically instrumented pregnant sheep.	2003	Anesthesiology	Strumper, Danja; Durieux, Marcel E; Gogarten, Wiebke; Van Aken, Hugo; Hartlieb, Kristian; Marcus, Marco A E				27
12766636	Opioids: more to learn, improvements to be made.	2003	Anesthesiology	Berde, Charles B; Brennan, Timothy J; Raja, Srivivasa N				13
12761027	Combination spinal analgesic chemotherapy: an additional clinical trial of opioid plus local anesthetic.	2003	Anesthesia And Analgesia	Goudas, Leonidas C; Carr, Daniel B; Walker, Suellen M; Cousins, Michael J		Y		2
12761015	Diluent volume for epidural fentanyl and its effect on analgesia in early labor.	2003	Anesthesia And Analgesia	Connelly, Neil Roy; Parker, Robert K; Pedersen, Thomas; Manikantan, Thenu; Lucas, Tanya; Serban, Stelian; El-Mansouri, Mervat; DuBois, Scott; Santos, Edgar Delos; Rizvi, Asad; Gibson, Charles				10
12761013	Nalbuphine versus ondansetron for prevention of intrathecal morphine-induced pruritus after cesarean delivery.	2003	Anesthesia And Analgesia	Charuluxananan, Somrat; Kyokong, Oranuch; Somboonviboon, Wanna; Narasethakamol, Arunchai; Promlok, Pissamai				60
12761004	Cyclooxygenase-2 inhibitors.	2003	Anesthesia And Analgesia	Gajraj, Noor M		Y		114
12761002	Antinociceptive potentiation and attenuation of tolerance by intrathecal electric stimulation in rats.	2003	Anesthesia And Analgesia	Lin, Chung-Ren; Yang, Lin-Cheng; You, Huey-Ling; Lee, Chien-Te; Tai, Ming-Hong; Tan, Ping-Heng; Lin, Ming-Wei; Cheng, Jin-Tsuey				6
12760990	Effect-site concentration of propofol for recovery of consciousness is virtually independent of fentanyl effect-site concentration.	2003	Anesthesia And Analgesia	Iwakiri, Hiroko; Nagata, Osamu; Matsukawa, Takashi; Ozaki, Makoto; Sessler, Daniel I				26
12760989	Sympathetic and vascular consequences from remifentanil in humans.	2003	Anesthesia And Analgesia	Noseir, Randa K; Ficke, David J; Kundu, Anjana; Arain, Shahbaz R; Ebert, Thomas J		Y		52
12760986	The efficacy of celecoxib premedication on postoperative pain and recovery times after ambulatory surgery: a dose-ranging study.	2003	Anesthesia And Analgesia	Recart, Alejandro; Issioui, Tijani; White, Paul F; Klein, Kevin; Watcha, Mehermoor F; Stool, Louis; Shah, Mary				89
12760984	Postoperative analgesia in children undergoing myringotomy and placement equalization tubes in ambulatory surgery.	2003	Anesthesia And Analgesia	Pappas, Ana Lucia; Fluder, Elaine M; Creech, Steve; Hotalling, Andrew; Park, Albert		Y		34
12760978	The effect of dexamethasone on side effects after coronary revascularization procedures.	2003	Anesthesia And Analgesia	Halvorsen, Per; Raeder, Johan; White, Paul F; Almdahl, Sven M; Nordstrand, Kenneth; Saatvedt, Kjell; Veel, Terje				97

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12760972	Small risk of serious neurologic complications related to lumbar epidural catheter placement in anesthetized patients.	2003	Anesthesia And Analgesia	Horlocker, Terese T; Abel, Martin D; Messick, Joseph M Jr; Schroeder, Darrell R			Y		106
12760922	Abdominal myomectomy versus uterine fibroid embolization in the treatment of symptomatic uterine leiomyomas.	2003	AJR. American Journal Of Roentgenology	Razavi, Mahmood K; Hwang, Gloria; Jahed, Ayda; Modanlou, Shohreh; Chen, Bertha			Y		69
12759604	Switching from i.v. to p.o.	2003	The American Journal Of Nursing	McCaffery, Margo			Y		3
12753877	Tramadol and acetaminophen combination tablets in the treatment of fibromyalgia pain: a double-blind, randomized, placebo-controlled study.	2003	The American Journal Of Medicine	Bennett, Robert M; Kamin, Marc; Karim, Rezaul; Rosenthal, Norman					324
12746360	Prevalence and characteristics of chronic pain among chemically dependent patients in methadone maintenance and residential treatment facilities.	2003	JAMA	Rosenblum, Andrew; Joseph, Herman; Fong, Chunki; Kipnis, Steven; Cleland, Charles; Portenoy, Russell K					355
12746341	Expert debate widening use of opioid drugs for chronic nonmalignant pain.	2003	JAMA	Mitka, Mike			Y		14
12743240	Lamotrigine for HIV-associated painful sensory neuropathies: a placebo-controlled trial.	2003	Neurology	Simpson, D M; McArthur, J C; Olney, R; Clifford, D; So, Y; Ross, D; Baird, B J; Barrett, P;					199
12742817	Analgesics and hypertension: causality or correlation?	2003	Archives Of Internal Medicine	Glaser, John H			Y		Not found on Microsoft Academic
12742815	Acetaminophen and hypertension: a causal association or pain mediated?	2003	Archives Of Internal Medicine	Brotman, Daniel J			Y		3
12731635	Inhalational anesthetic technique in microlaryngeal surgery: a comparison between sevoflurane-remifentanil and sevoflurane-alfentanil anesthesia.	2003	The Annals Of Otology, Rhinology, And Laryngology	Pandazi, Ageliki K; Louizos, Antonios A; Davilis, Dimitrios J; Stivaktakis, John M; Georgiou, Lucas G			Y		14
12730550	Joint stiffness in a phantom limb: evidence of central nervous system involvement in rheumatoid arthritis.	2003	Rheumatology (Oxford, England)	Haigh, R C; McCabe, C S; Halligan, P W; Blake, D R					33
12728919	Regional anesthesia and analgesia for labor and delivery.	2003	The New England Journal Of Medicine	Van de Velde, Marc; Teunkens, An; Vandermeersch, Eugene			Y		151
12724495	Regional anesthesia and analgesia for labor and delivery.	2003	The New England Journal Of Medicine	Jakobi, Peter; Solt, Ido; Zimmer, Elan Z			Y		151
12717156	Gabapentin blocks and reverses antinociceptive morphine tolerance in the rat paw-pressure and tail-flick tests.	2003	Anesthesiology	Gilron, Ian; Biederman, Jessica; Jhamandas, Khem; Hong, Murray					75
12717155	Complete vasomotor collapse: an unusual manifestation of the carotid sinus reflex.	2003	Anesthesiology	Boyce, James R; Peters, Glenn E					9
12717145	GABAergic interneurons at supraspinal and spinal levels differentially modulate the antinociceptive effect of nitrous oxide in Fischer rats.	2003	Anesthesiology	Orii, Ryo; Ohashi, Yoko; Halder, Sunil; Giombini, Mariangela; Maze, Mervyn; Fujinaga, Masahiko					Not found on Microsoft Academic
12717144	Quantitative sensory testing and human surgery: effects of analgesic management on postoperative neuroplasticity.	2003	Anesthesiology	Wilder-Smith, Oliver H G; Tassonyi, Edomer; Crul, Ben J P; Arendt-Nielsen, Lars			Y		88
12717142	Combinations of morphine with ketamine for patient-controlled analgesia: a new optimization method.	2003	Anesthesiology	Svetlicic, Gorazd; Gentilini, Andrea; Eichenberger, Urs; Luginbuhl, Martin; Curatolo, Michele					68
12712491	Preoperative and postoperative dextromethorphan provides sustained reduction in postoperative pain and patient-controlled epidural analgesia requirement: a randomized, placebo-controlled, double-blind study in lower-body bone malignancy-operated patients.	2003	Cancer	Weinbroum, Avi A; Bender, Benjamin; Bickels, Jacob; Nirkin, Alexander; Marouani, Nissim; Chazan, Shoshana; Meller, Isaac; Kollender, Yehuda			Y		24
12712083	Pre-emptive analgesia in gynecologic surgical procedures: preoperative wound infiltration with ropivacaine in patients who undergo laparotomy through a midline vertical incision.	2003	American Journal Of Obstetrics And Gynecology	Updike, Glenn M; Manolisas, Tom P; Cohn, David E; Eaton, Lynne A; Fowler, Jeffrey M; Young, Donn C; Copeland, Larry J Dougherty, Matt; DeBaun, Michael R			Y		20
12712053	Rapid increase of morphine and benzodiazepine usage in the last three days of life in children with cancer is related to neuropathic pain.	2003	The Journal Of Pediatrics						27
12712027	Underuse of analgesia in very young pediatric patients with isolated painful injuries.	2003	Annals Of Emergency Medicine	Alexander, John; Manno, Mariann			Y		159
12708559	Interventions in chronic pain management. 4. Medications in pain management.	2003	Archives Of Physical Medicine And Rehabilitation	Erickson, Jeffery J; Braverman, Debra L; Shah, Rihoo V			Y		2
12707455	Topical ketamine treatment of postherpetic neuralgia.	2003	Neurology	Quan, Dianna; Wellish, Mary; Gilden, Donald H			Y		37
12707430	Venlafaxine versus imipramine in painful polyneuropathy: a randomized, controlled trial.	2003	Neurology	Sindrup, S H; Bach, F W; Madsen, C; Gram, L F; Jensen, T S					302
12707429	Pregabalin for the treatment of postherpetic neuralgia: a randomized, placebo-controlled trial.	2003	Neurology	Dworkin, R H; Corbin, A E; Young, J P Jr; Sharma, U; LaMoreaux, L; Bockbrader, H; Garofalo, E A; Poole, R M					633
12707174	Intrathecal magnesium prolongs fentanyl analgesia.	2003	Anesthesia And Analgesia	Arakawa, Masayuki			Y		9
12707144	Large-dose intravenous methotrexate-induced cutaneous toxicity: can oral magnesium oxide reduce pain?	2003	Anesthesia And Analgesia	Suresh, Santhanam; Lozono, Sara; Hall, Steven C			Y		4
12707143	The effect of clonidine on gastrointestinal side effects associated with ultra-rapid opioid detoxification.	2003	Anesthesia And Analgesia	Ma, Hong; Tang, Jun; White, Paul F; Wender, Ronald H; Leverone, Thomas; Quon, Rayond; Pearce, Scott; Chiao, Franklin; Erice, Susan			Y		7
12690049	Peripheral opioid analgesia in experimental human pain models.	2003	Brain : A Journal Of Neurology	Tegeder, Irmgard; Meier, Silke; Burian, Maria; Schmidt, Helmut; Geisslinger, Gerd; Lotsch, Jorn					104

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12683541	Needlesopic versus conventional video-assisted thoracic surgery for primary spontaneous pneumothorax: a comparative study.	2003	The Annals Of Thoracic Surgery	Chen, Jin-Shing; Hsu, Hsiao-Hsun; Kuo, Shuenn-Wen; Tsai, Pi-Ru; Chen, Robert J; Lee, Jang-Ming; Lee, Yung-Chie			Y		44
12677130	Breakthrough pain.	2003	The American Journal Of Nursing	McCaffery, Margo; Pasero, Chris			Y	Not found on Microsoft Academic	
12660393	Opioids and chronic neuropathic pain.	2003	The New England Journal Of Medicine	Foley, Kathleen M			Y		115
12660386	Oral opioid therapy for chronic peripheral and central neuropathic pain.	2003	The New England Journal Of Medicine	Rowbotham, Michael C; Twilling, Lisa; Davies, Pamela S; Reisner, Lori; Taylor, Kirk; Mohr, David					427
12657858	Parecoxib sodium, a parenteral cyclooxygenase 2 selective inhibitor, improves morphine analgesia and is opioid-sparing following total hip arthroplasty.	2003	Anesthesiology	Malan, T Philip Jr; Marsh, Gregory; Hakki, Sam I; Grossman, Evie; Traylor, Louise; Hubbard, Richard C					122
12657847	Neuraxial morphine may trigger transient motor dysfunction after a noninjurious interval of spinal cord ischemia: a clinical and experimental study.	2003	Anesthesiology	Kakinohana, Manabu; Marsala, Martin; Carter, Christopher; Davison, J Kenneth; Yaksh, Tony L		Y			48
12657845	Impact of bispectral index monitoring on fast tracking of gynecologic patients undergoing laparoscopic surgery.	2003	Anesthesiology	Ahmad, Shireen; Yilmaz, Meltem; Marcus, R-Jay; Gilsson, Silas; Kinsella, Annette					39
12657376	Critically reappraising the literature-driven practice of analgesia administration for acute abdominal pain in the emergency room prior to surgical evaluation.	2003	American Journal Of Surgery	Nissman, Steven A; Kaplan, Lewis J; Mann, Barry D			Y		23
12654988	Opioids versus antidepressants in postherpetic neuralgia: a randomized, placebo-controlled trial.	2003	Neurology	Manfredi, Paolo L			Y	Not found on Microsoft Academic	
12654955	Controlled-release oxycodone for pain in diabetic neuropathy: a randomized controlled trial.	2003	Neurology	Gimbel, Joseph S; Richards, Patricia; Portenoy, Russell K					398
12654949	An old acquaintance: opioids in neuropathic pain.	2003	Neurology	Zochodne, Douglas W; Max, Mitchell B			Y		17
12651680	Minimum analgesic doses of fentanyl and sufentanil for epidural analgesia in the first stage of labor.	2003	Anesthesia And Analgesia	Capogna, Giorgio; Camorcio, Michela; Columb, Malachy O			Y		30
12651679	Ropivacaine 0.15% plus sufentanil 0.5 microg/mL and ropivacaine 0.10% plus sufentanil 0.5 microg/mL are equivalent for patient-controlled epidural analgesia during labor.	2003	Anesthesia And Analgesia	Boselli, Emmanuel; Debon, Richard; Duflo, Frederic; Bryssine, Boris; Allaouchiche, Bernard; Chassard, Dominique			Y	Not found on Microsoft Academic	
12651677	The effect of epidural neostigmine combined with ropivacaine and sufentanil on neuraxial analgesia during labor.	2003	Anesthesia And Analgesia	Roelants, Fabienne; Rizzo, Michella; Lavand'homme, Patricia					36
12651666	Continuous interscalene brachial plexus block for postoperative pain control at home: a randomized, double-blinded, placebo-controlled study.	2003	Anesthesia And Analgesia	Ilfeld, Brian M; Morey, Timothy E; Wright, Thomas W; Chidgey, Larry K; Enneking, F Kayser					278
12651665	Intrathecal clonidine added to a bupivacaine-morphine spinal anesthetic improves postoperative analgesia for total knee arthroplasty.	2003	Anesthesia And Analgesia	Sites, Brian D; Beach, Michael; Biggs, Russell; Rohan, Christopher; Wiley, Christopher; Rassias, Athos; Gregory, Janice; Fanciullo, Gilbert			Y		67
12651664	A small preoperative test dose of intravenous fentanyl can predict subsequent analgesic efficacy and incidence of side effects in patients due to receive epidural fentanyl.	2003	Anesthesia And Analgesia	Ueta, Kazuyoshi; Takeda, Kiyoshi; Ohsumi, Hisatoshi; Haruna, Junichi; Shibuya, Hiromi; Mashimo, Takashi			Y		3
12651662	Nifedipine potentiates the antinociceptive effect of endomorphin-1 microinjected into the periaqueductal gray in rats.	2003	Anesthesia And Analgesia	Hao, Shuanglin; Mamiya, Keiko; Takahata, Osamu; Iwasaki, Hiroshi; Mata, Marina; Fink, David J					12
12651657	The effect of remifentanil on seizure duration and acute hemodynamic responses to electroconvulsive therapy.	2003	Anesthesia And Analgesia	Recart, Alejandro; Rawal, Shivani; White, Paul F; Beverly, Stephanie; Thornton, Larry			Y		45
12651647	Costs and effectiveness of rofecoxib, celecoxib, and acetaminophen for preventing pain after ambulatory otolaryngologic surgery.	2003	Anesthesia And Analgesia	Watcha, Mehenoor F; Issiou, Tijani; Klein, Kevin W; White, Paul F					64
12651645	Clonidine facilitates controlled hypotension in adolescent children.	2003	Anesthesia And Analgesia	Hackmann, Thomas; Friesen, Marvin; Allen, Suzanne; Precious, David S			Y		18
12649239	Recent developments: management of pain.	2003	BMJ (Clinical Research Ed.)	Holdcroft, Anita; Power, Ian			Y		152
12648970	Informed consent during the clinical emergency of acute myocardial infarction (HERO-2 consent substudy): a prospective observational study.	2003	Lancet (London, England)	Williams, Barbara F; French, John K; White, Harvey D				Not found on Microsoft Academic	
12645965	Copperhead envenomations in the Carolinas.	2003	Journal Of Toxicology. Clinical Toxicology	Thorson, Alix; Lavonas, Eric J; Rouse, Anna M; Kerns, William P 2nd			Y		24
12638118	The importance of the complete history in the discovery of a potential suicide: a case report.	2003	Archives Of Physical Medicine And Rehabilitation	Carter, Adam C; Nicholas, John J			Y		1
12638100	Overnight use of continuous low-level heatwrap therapy for relief of low back pain.	2003	Archives Of Physical Medicine And Rehabilitation	Nadler, Scott F; Steiner, Deborah J; Petty, Sharon R; Erasala, Geetha N; Hengehold, David A; Weingand, Kurt W					54
12634549	Acute pain management of patients with multiple fractured ribs.	2003	The Journal Of Trauma	Karmakar, Manoj K; Ho, Anthony M-H			Y		156
12628899	Distraction therapy with nature sights and sounds reduces pain during flexible bronchoscopy: a complementary approach to routine analgesia.	2003	Chest	Diette, Gregory B; Lechtzin, Noah; Haponik, Edward; Devrotes, Aline; Rubin, Haya R			Y		272
12626948	Pain management in patients with addictive disease.	2003	The American Journal Of Nursing	Nichols, Rhonda			Y		2
12625310	Prevention of propofol-induced injection pain by remifentanil: a placebo-controlled comparison with lidocaine.	2003	Anaesthesia	Roehm, K D; Piper, S N; Maleck, W H; Boldt, J			Y		45
12622584	Preliminary assessment of inhaled nitric oxide for acute vaso-occlusive crisis in pediatric patients with sickle cell disease.	2003	JAMA	Weiner, Debra L; Hibberd, Patricia L; Betit, Peter; Cooper, Andrew B; Botelho, Christine A; Brugnara, Carlo			Y		144

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12622108	A comparison of total intravenous with balanced anaesthesia for middle ear surgery: effects on postoperative nausea and vomiting, pain, and conditions of surgery.	2003	Anaesthesia	Mukherjee, K; Seavell, C; Rawlings, E; Weiss, A		Y		29
12607659	Pain treatment with a COX-2 inhibitor after coronary artery bypass operation: a randomized trial.	2003	The Annals Of Thoracic Surgery	Immer, Franz F; Immer-Bansi, Alexandra S; Trachsel, Nathalie; Berdat, Pascal A; Eigenmann, Verena; Curatolo, Michele; Carrel, Thierry P		Y		40
12606920	Intrathecal coadministration of D-APV and morphine is maximally effective in a rat experimental pancreatitis model.	2003	Anesthesiology	Lu, Ying; Vera-Portocarrero, Louis P; Westlund, Karin N		Y		21
12603478	Treating ECG changes during Caesarean section: is it worth the headache?	2003	Anaesthesia	Ramachandran, K; Srirangadarshan; Kapoor, V		Y		0
12598273	Intrathecal fentanyl, sufentanil, or placebo combined with hyperbaric mepivacaine 2% for parturients undergoing elective cesarean delivery.	2003	Anesthesia And Analgesia	Meininger, Dirk; Byhahn, Christian; Kessler, Paul; Nordmeyer, Jonas; Alparslan, Yasmin; Hall, Brian A; Bremerich, Dorothee H		Y		29
12598270	Sequential use of midazolam and propofol for long-term sedation in postoperative mechanically ventilated patients.	2003	Anesthesia And Analgesia	Saito, Masataka; Terao, Yoshiaki; Fukusaki, Makoto; Makita, Tetsuji; Shibata, Osamu; Sumikawa, Koji		Y		28
12598265	Continuous epidural infusion of large concentration/small volume versus small concentration/large volume of levobupivacaine for postoperative analgesia.	2003	Anesthesia And Analgesia	Dernedde, Mira; Stadler, Michaela; Bardiau, Francoise; Boogaerts, Jean G		Y		46
12598264	A single small dose of postoperative ketamine provides rapid and sustained improvement in morphine analgesia in the presence of morphine-resistant pain.	2003	Anesthesia And Analgesia	Weinbroum, Avi A		Y		161
12598261	Intrathecal administration of morphine, but not small dose, induced spastic paraparesis after a noninjurious interval of aortic occlusion in rats.	2003	Anesthesia And Analgesia	Kakinohana, Manabu; Fuchigami, Tatsuya; Nakamura, Seiya; Sasara, Takeshi; Kawabata, Tetsuya; Sugahara, Kazuhiko				16
12598253	Modulation of remifentanil-induced analgesia, hyperalgesia, and tolerance by small-dose ketamine in humans.	2003	Anesthesia And Analgesia	Luginbuhl, Martin; Gerber, Andrea; Schnider, Thomas W; Petersen-Felix, Steen; Arendt-Nielsen, Lars; Curatolo, Michele				140
12598244	Patient-controlled epidural analgesia in children: can they do it?	2003	Anesthesia And Analgesia	Birmingham, Patrick K; Wheeler, Melissa; Suresh, Santhanam; Dsida, Richard M; Rae, Bronwyn R; Obrecht, Jennifer; Andreoni, Vicki A; Hall, Steven C; Cote, Charles J		Y		50
12595060	The importance of opioid tolerance: a therapeutic paradox.	2003	Journal Of The American College Of Surgeons	Thompson, A Reed; Ray, James B		Y		25
12588070	What is the most effective approach to chronic pain?	2003	American Family Physician	Gillette, Robert D		Y		0
12582344	Tramadol.	2003	The American Journal Of Nursing	Pasero, Chris; McCaffery, Margo		Y		Not found on Microsoft Academic
12562408	Effect of intra-operative magnesium sulphate on pain relief and patient comfort after major lumbar orthopaedic surgery.	2003	Anesthesia	Levaux, Ch; Bonhomme, V; Dewandre, P Y; Brichant, J F; Hans, P		Y		89
12560416	Relationship between pain and opioid analgesics on the development of delirium following hip fracture.	2003	The Journals Of Gerontology. Series A, Biological Sciences And Medical Sciences	Morrison, R Sean; Magaziner, Jay; Gilbert, Marvin; Koval, Kenneth J; McLaughlin, Mary Ann; Orosz, Gretchen; Strauss, Elton; Siu, Albert L		Y		436
12552218	Opioid "holiday" following antagonist supported detoxification during general anesthesia improves opioid agonist response in a cancer patient with opioid addiction.	2003	Anesthesiology	Breitfeld, Christa; Eikermann, Matthias; Kienbaum, Peter; Peters, Jurgen		Y		9
12552212	Spinal anesthesia: functional balance is impaired after clinical recovery.	2003	Anesthesiology	Imarengiaye, Charles O; Song, Dajun; Prabhu, Atul J; Chung, Frances		Y		28
12552210	Antinociceptive effect of low-dose intrathecal neostigmine combined with intrathecal morphine following gynecologic surgery.	2003	Anesthesiology	Almeida, Raquel A; Lauretti, Gabriela R; Mattos, Anita L		Y		40
12552209	Prospective study on incidence and functional impact of transient neurologic symptoms associated with 1% versus 5% hyperbaric lidocaine in short urologic procedures.	2003	Anesthesiology	Tong, Doris; Wong, Jean; Chung, Frances; Friedlander, Mark; Bremang, Joseph; Mezei, Gabor; Steiner, David				19
12552208	Nociception in persistent pancreatitis in rats: effects of morphine and neuropeptide alterations.	2003	Anesthesiology	Vera-Portocarrero, Louis P; Lu, Ying; Westlund, Karin N		Y		63
12552206	Supraspinal antinociceptive effects of mu and delta agonists involve modulation of adenosine uptake.	2003	Anesthesiology	Pham, Thao; Carrega, Louis; Sauze, Nicole; Fund-Sauzier, Odile; Devaux, Christiane; Peragut, Jean-Claude; Saadjian, Alain; Gueu, Regis				Not found on Microsoft Academic
12548273	Three-in-one femoral nerve block as analgesia for fractured neck of femur in the emergency department: a randomized, controlled trial.	2003	Annals Of Emergency Medicine	Fletcher, Alan K; Rigby, Alan S; Heyes, Francis L P		Y		117
12546607	Lack of efficacy of acetaminophen in treating symptomatic knee osteoarthritis: a randomized, double-blind, placebo-controlled comparison trial with diclofenac sodium.	2003	Archives Of Internal Medicine	Case, John P; Baliunas, Algis J; Block, Joel A				126
12545149	Analgesic effects of morphine and morphine-6-glucuronide in a transcutaneous electrical pain model in healthy volunteers.	2003	Clinical Pharmacology And Therapeutics	Skarke, Carsten; Darimont, Jutta; Schmidt, Helmut; Geisslinger, Gerd; Lotsch, Jorn				192
12538202	Minute sphere acupressure does not reduce postoperative pain or morphine consumption.	2003	Anesthesia And Analgesia	Sakurai, Masatomo; Suleiman, Muhammad-Irfan; Morioka, Nobutada; Akca, Ozan; Sessler, Daniel I				15
12538199	Postoperative pain relief after hepatic resection in cirrhotic patients: the efficacy of a single small dose of ketamine plus morphine epidurally.	2003	Anesthesia And Analgesia	Taura, Pilar; Fuster, Josep; Blasi, Anabel; Martinez-Ocon, Julia; Anglada, Teresa; Beltran, Joan; Balust, Jaume; Tercero, Javier; Garcia-Valdecasas, Juan-Carlos		Y		42

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12538198	A comparison of multimodal perioperative analgesia to epidural pain management after gastric bypass surgery.	2003	Anesthesia And Analgesia	Schumann, Roman; Shikora, Scott; Weiss, Jocelyn M; Wurm, Heinrich; Strassels, Scott; Carr, Daniel B; Brookes, Zoe L S; Brown, Nicola J; Reilly, Charles S					52
12538196	The dose-dependent effects of fentanyl on rat skeletal muscle microcirculation <i>in vivo</i> .	2003	Anesthesia And Analgesia	Choi, W Y; Irwin, M G; Hui, T W C; Lim, H H; Chan, K L					13
12538184	EMLA cream versus dorsal penile nerve block for postcircumcision analgesia in children.	2003	Anesthesia And Analgesia	Royse, Colin; Royse, Alistair; Soeding, Paul; Blake, Duncan; Pang, Jenny			Y		34
12537199	Prospective randomized trial of high thoracic epidural analgesia for coronary artery bypass surgery.	2003	The Annals Of Thoracic Surgery	Jacobson, Peter Lars; Mann, J Douglas					112
12528880	Evolving role of the neurologist in the diagnosis and treatment of chronic noncancer pain.	2003	Mayo Clinic Proceedings	Thomas, S H; Silen, W			Y		6
12520567	Effect on diagnostic efficiency of analgesia for undifferentiated abdominal pain.	2003	The British Journal Of Surgery	Thomas, S H; Silen, W			Y		52
12517545	Effects of morphine analgesia on diagnostic accuracy in Emergency Department patients with abdominal pain: a prospective, randomized trial.	2003	Journal Of The American College Of Surgeons	Thomas, Stephen H; Silen, William; Cheema, Farah; Reisner, Andrew; Aman, Sohail; Goldstein, Joshua N; Kumar, Alan M; Stair, Thomas O			Y		112
12514694	Evidence-based emergency medicine. Update: do ophthalmic nonsteroidal anti-inflammatory drugs reduce the pain associated with simple corneal abrasion without delaying healing?	2003	Annals Of Emergency Medicine	Weaver, Christopher S; Terrell, Kevin M			Y		Not found on Microsoft Academic
12514689	Benign exertional headache.	2003	Annals Of Emergency Medicine	Imperato, Jason; Burstein, Jonathan; Edlow, Jonathan A			Y		10
12514688	Variations among emergency departments in the treatment of benign headache.	2003	Annals Of Emergency Medicine	Vinson, David R; Hurtado, Timothy R; Vandenberg, J Toby; Banwart, Leo			Y		45
12511152	Trials and tribulations: current challenges in conducting clinical trials.	2003	Archives Of Surgery (Chicago, Ill. : 1960)	Kao, Lillian S; Aaron, Beth C; Dellinger, E Patchen			Y		87
12509565	Major surgery within the first 3 months of life and subsequent biobehavioral pain responses to immunization at later age: a case comparison study.	2003	Pediatrics	Peters, Jeroen W B; Koot, Hans M; de Boer, Josien B; Passchier, Jan; Bueno-de-Mesquita, Jolien M; de Jong, Frank H; Duivenvoorden, Hugo J; Tibboel, Dick					80
12509564	Effects of sufentanil on electroencephalogram in very and extremely preterm neonates.	2003	Pediatrics	Nguyen Thanh Tich, Sylvie; Vecchierini, Marie-Francoise; Debillon, Thierry; Pereon, Yann			Y		34
12507070	Gamma knife surgery for cancer pain-pituitary gland-stalk ablation: a multicenter prospective protocol since 2002.	2002	Journal Of Neurosurgery	Hayashi, Motohiro; Taira, Takaomi; Chernov, Mikhail; Fukuoka, Seiji; Liscak, Roman; Yu, Chung Ping; Ho, Robert T K; Regis, Jean; Katayama, Yoko; Kawakami, Yoriko; Hori, Tomokatsu			Y		33
12505963	The analgesic effect of interscalene block using clonidine as an analgesic for shoulder arthroscopy.	2003	Anesthesia And Analgesia	Iskandar, Henri; Benard, Antoine; Ruel-Raymond, Joelle; Cochard, Gyslaine; Manaud, Bertrand			Y		36
12505962	Interscalene brachial plexus anesthesia and analgesia for open shoulder surgery: a randomized, double-blinded comparison between levobupivacaine and ropivacaine.	2003	Anesthesia And Analgesia	Casati, Andrea; Borghi, Battista; Fanelli, Guido; Montone, Nicoletta; Rotini, Roberto; Fraschini, Gianfranco; Vinciguerra, Federico; Torri, Giorgio; Chelly, Jacques					79
12505961	Neurologic complications of 405 consecutive continuous axillary catheters.	2003	Anesthesia And Analgesia	Bergman, Bradley D; Hebl, James R; Kent, Jay; Horlocker, Terese T			Y		130
12505952	Dexmedetomidine fails to cause hyperalgesia after cessation of chronic administration.	2003	Anesthesia And Analgesia	Davies, M Frances; Haimor, Fawzi; Lighthill, Geoffrey; Clark, J David			Y		27
12505950	Catheter-associated masses in patients receiving intrathecal analgesic therapy.	2003	Anesthesia And Analgesia	McMillan, Marion R; Doud, Thomas; Nugent, W					72
12505927	Oral tramadol for the treatment of pain of 7-30 days' duration in children.	2003	Anesthesia And Analgesia	Rose, John B; Finkel, Julia C; Arquedas-Mohs, Adriano; Himelstein, Bruce P; Schreiner, Mark; Medve, Robert A					49
12505919	Target-controlled infusion for remifentanil in vascular patients improves hemodynamics and decreases remifentanil requirement.	2003	Anesthesia And Analgesia	De Castro, Victor; Godet, Gilles; Mencia, Gonzalo; Raux, Mathieu; Coriat, Pierre			Y		105
12504969	Analgesia in labour and fetal acid-base balance: a meta-analysis comparing epidural with systemic opioid analgesia.	2002	BJOG : An International Journal Of Obstetrics And Gynaecology	Reynolds, Felicity; Sharma, Shiv K; Seed, Paul T			Y		77
12503001	Fentanyl decreases Ca <sup>2+</sup> currents in a population of capsaicin-responsive sensory neurons.	2003	Anesthesiology	McDowell, Thomas S					9
12503000	Spinal nitric oxide contributes to the analgesic effect of intrathecal [d-pen2,d-pen5]-enkephalin in normal and diabetic rats.	2003	Anesthesiology	Chen, Shao-Rui; Pan, Hui-Lin					20
12502997	Modulation of peripheral endogenous opioid analgesia by central afferent blockade.	2003	Anesthesiology	Schmitt, Thomas K; Mousa, Shaaban A; Brack, Alexander; Schmidt, Diego K; Rittner, Heike L; Welte, Martin; Schafer, Michael; Stein, Christoph					45
12502992	Preoperative cardiac events in elderly patients with hip fracture randomized to epidural or conventional analgesia.	2003	Anesthesiology	Matot, Idit; Oppenheim-Eden, Arie; Ratrot, Ruad; Baranova, Julia; Davidson, Elyad; Eylon, Sharon; Peyser, Amos; Liebergall, Meir					137
12495966	The use of regional anaesthetic blockade in a child with recurrent erythromelalgia.	2003	Archives Of Disease In Childhood	Harrison, C M; Goddard, J M; Rittey, C D			Y		13
12492691	Pain control in day-case surgery.	2003	Anaesthesia	Earl, D S; Grimes, S; Kinsella, S M			Y		0

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12492687	Safety and effectiveness of epidurals.	2003		Anaesthesia	Duffy, M R; Wood, R J; Alexander-Williams, M			Y		1
12479189	Unwanted effects of morphine-6-glucuronide and morphine.	2002		Anaesthesia	Cann, C; Curran, J; Milner, T; Ho, B					Not found on Microsoft Academic
12478096	Laparoscopic management of primary hyperaldosteronism: clinical experience with 212 cases.	2003		The Journal Of Urology	Meria, Paul; Kempf, Beatrice Fiquet; Hermieu, Jean Francois; Plouin, Pierre Francois; Duclos, Jean Marc			Y		83
12476527	Diagnosis and management of chronic pelvic pain.	2002		The Urologic Clinics Of North America	Lifford, Karen Loeb; Barbieri, Robert L			Y		11
12472133	Acute and chronic pain syndromes after thoracic surgery.	2002		The Surgical Clinics Of North America	Hazelrigg, Stephen R; Cetindag, Ibrahim B; Fullerton, James			Y		67
12459691	Functional mu opioid receptors are reduced in the spinal cord dorsal horn of diabetic rats.	2002		Anesthesiology	Chen, Shao-Rui; Sweigart, Kristi L; Lakoski, Joan M; Pan, Hui-Lin					Not found on Microsoft Academic
12459689	Mechanisms of postoperative pain: clinical indications for a contribution of central neuronal sensitization.	2002		Anesthesiology	Dirks, Jesper; Moiniche, Steen; Hilsted, Karen-Lisa; Dahl, Jorgen B					98
12459686	Randomized controlled trial comparing traditional with two "mobile" epidural techniques: anesthetic and analgesic efficacy.	2002		Anesthesiology	Wilson, Matthew J A; Cooper, Griselda; MacArthur, Christine; Shennan, Andrew					53
12459672	Evidence for the involvement of spinal cord alpha1 adrenoceptors in nitrous oxide-induced antinociceptive effects in Fischer rats.	2002		Anesthesiology	Orii, Ryo; Ohashi, Yoko; Guo, Tianzhi; Nelson, Laura E; Hashimoto, Toshikazu; Maze, Mervyn; Fujinaga, Masahiko					Not found on Microsoft Academic
12456478	Epidural morphine alone is inadequate for postthoracotomy pain relief.	2002		Anesthesia And Analgesia	Chua, S K			Y		2
12456455	Current practice in postoperative epidural analgesia: a german survey.	2002		Anesthesia And Analgesia	Kampe, Sandra; Kiencke, Peter; Krombach, Jens; Cranfield, Karen; Kasper, Stefan Mario; Diefenbach, Christoph					10
12456446	Gabapentin for the treatment of pain in guillain-barre syndrome: a double-blinded, placebo-controlled, crossover study.	2002		Anesthesia And Analgesia	Pandey, Chandra K; Bose, Neeta; Garg, Garima; Singh, Namita; Baronia, Arvind; Agarwal, Anil; Singh, Prabhat K; Singh, Uttam			Y		132
12456445	The addition of a tramadol infusion to morphine patient-controlled analgesia after abdominal surgery: a double-blinded, placebo-controlled randomized trial.	2002		Anesthesia And Analgesia	Webb, Ashley R; Leong, Samuel; Myles, Paul S; Burn, Sara J			Y		42
12456442	Epidural morphine and neostigmine for postoperative analgesia after orthopedic surgery.	2002		Anesthesia And Analgesia	Ormais, Maruan; Lauretti, Gabriela R; Paccola, Cleber A J			Y		40
12456436	A comparison of patient state index and bispectral index values during the perioperative period.	2002		Anesthesia And Analgesia	Chen, Xiaoguang; Tang, Jun; White, Paul F; Wender, Ronald H; Ma, Hong; Sloninsky, Alexander; Kariger, Robert					61
12456423	Minidose lidocaine-fentanyl spinal anesthesia in ambulatory surgery: prophylactic nalbuphine versus nalbuphine plus droperidol.	2002		Anesthesia And Analgesia	Ben-David, Bruce; DeMeo, Patrick J; Lucyk, Christen; Solosko, David			Y		26
12456422	A comparison of three antiemetic combinations for the prevention of postoperative nausea and vomiting.	2002		Anesthesia And Analgesia	Sanchez-Ledesma, M J; Lopez-Olaondo, L; Pueyo, F J; Carrascosa, F; Ortega, A			Y		44
12440606	Routine immediate extubation for off-pump coronary artery bypass grafting without thoracic epidural analgesia.	2002		The Annals Of Thoracic Surgery	Straka, Zbynek; Brusek, Petr; Vanek, Tomas; Votava, Jan; Widimsky, Petr			Y		67
12437707	Use of intrathecal morphine for postoperative pain relief after elective laparoscopic colorectal surgery.	2002		Anaesthesia	Kong, S-K; Onsiong, S M K; Chiu, W K Y; Li, M K W			Y		26
12412178	Effect of topical morphine for mucositis-associated pain following concomitant chemoradiotherapy for head and neck carcinoma.	2002		Cancer	Cerchietti, Leandro C A; Navigante, Alfredo H; Bonomi, Marcelo R; Zaderajko, Mariel A; Menendez, Pablo R; Pogany, Catalina E; Roth, Berta M C			Y		94
12405366	Treatment of chronic pain by using intrathecal drug therapy compared with conventional pain therapies: a cost-effectiveness analysis.	2002		Journal Of Neurosurgery	Kumar, Krishna; Hunter, Gary; Demeria, Denny D			Y		90
12401632	A randomized, double-blinded trial of subarachnoid bupivacaine and fentanyl, with or without clonidine, for combined spinal/epidural analgesia during labor.	2002		Anesthesia And Analgesia	Paech, Michael J; Banks, Samantha L; Gurrin, Lyle C; Yeo, Seng T; Pavly, Timothy J G					34
12401626	Venous malformations associated with central pain: report of a case.	2002		Anesthesia And Analgesia	Cohen, Steven P; Abdi, Salahadin			Y		1
12401625	Attenuation of pain in a randomized trial by suppression of peripheral nociceptive activity in the immediate postoperative period.	2002		Anesthesia And Analgesia	Gordon, Sharon M; Brahim, Jaime S; Dubner, Ronald; McCullagh, Linda M; Sang, Christine; Dionne, Raymond A					61
12401624	A randomized, double-blinded comparison of thoracic epidural ropivacaine, ropivacaine/fentanyl, or bupivacaine/fentanyl for postthoracotomy analgesia.	2002		Anesthesia And Analgesia	Macias, Antonio; Monedero, Pablo; Adame, Maria; Torre, Wenceslao; Fidalgo, Isabel; Hidalgo, Francisco			Y		46
12401617	Analgesic effects of rofecoxib in ear-nose-throat surgery.	2002		Anesthesia And Analgesia	Turan, A; Emet, S; Karamanlioglu, B; Memis, D; Turan, N; Pamukcu, Z			Y		37
12401606	Small-dose intrathecal lidocaine versus ropivacaine for anorectal surgery in an ambulatory setting.	2002		Anesthesia And Analgesia	Buckenmaier, Chester C 3rd; Nielsen, Karen C; Pietrobon, Ricardo; Klein, Stephen M; Martin, Aliki H; Greengrass, Roy A; Steele, Susan M			Y		40
12401597	Caudal anesthesia in children: effect of volume versus concentration of bupivacaine on blocking spermatic cord traction response during orchidopexy.	2002		Anesthesia And Analgesia	Vergheese, Susan T; Hannallah, Raafat S; Rice, Linda Jo; Belman, A Barry; Patel, Kantilal M			Y		26
12401596	Caudal neostigmine, bupivacaine, and their combination for postoperative pain management after hypospadias surgery in children.	2002		Anesthesia And Analgesia	Abdulatif, Mohamed; El-Sanabary, Mohga			Y		46

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12401595	Intrathecal versus IV fentanyl in pediatric cardiac anesthesia.	2002	Anesthesia And Analgesia	Pirat, Arash; Akpek, Elif; Arslan, Gulnaz		Y		25
12401284	Opioid prescription in Italy: new law, no effect.	2002	Lancet (London, England)	Mercadante, Sebastian		Y		25
12395885	Predictors of pain medication use after percutaneous liver biopsy.	2002	Digestive Diseases And Sciences	Riley, Thomas R 3rd		Y		20
12394060	Subcutaneous opioid infusion.	2002	The American Journal Of Nursing	Pasero, Chris		Y		10
12394055	Difficulties in managing pain at the end of life.	2002	The American Journal Of Nursing	Panke, Joan T				5
12378490	Tibial bone harvesting under intravenous sedation: Morbidity and patient experiences.	2002	Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Marchena, Jose M; Block, Michael S; Stover, John D		Y		40
12370455	Opioids versus antidepressants in postherpetic neuralgia: a randomized, placebo-controlled trial.	2002	Neurology	Raja, S N; Haythornthwaite, J A; Pappagallo, M; Clark, M R; Travison, T G; Sabeen, S; Royall, R M; Max, M B		Y		473
12365340	Pain management in the hospitalized patient.	2002	The Medical Clinics Of North America	Li, Joseph Ming Wah		Y		26
12362012	Analgesics for the treatment of pain in children.	2002	The New England Journal Of Medicine	Berde, Charles B; Sethna, Navil F				312
12358981	Epidural ropivacaine and sufentanil.	2002	Anaesthesia	Ghori, A; Vadodaria, B		Y		0
12357166	Pharmacology of opioid inhibition to noxious uterine cervical distension.	2002	Anesthesiology	Sandner-Kiesling, Andreas; Eisenach, James C				33
12357165	Continuous popliteal sciatic nerve block for postoperative pain control at home: a randomized, double-blinded, placebo-controlled study.	2002	Anesthesiology	Ilfeld, Brian M; Morey, Timothy E; Wang, R Doris; Enneking, F Kayser				246
12357164	Postoperative wound oxygen tension with epidural or intravenous analgesia: a prospective, randomized, single-blind clinical trial.	2002	Anesthesiology	Buggy, Donal J; Doherty, Warren L; Hart, Elaine M; Pallett, Edward J				60
12357162	Dose response of intrathecal adenosine in experimental pain and allodynia.	2002	Anesthesiology	Eisenach, James C; Curry, Regina; Hood, David D		Y		36
12357161	Cost-efficacy of rofecoxib versus acetaminophen for preventing pain after ambulatory surgery.	2002	Anesthesiology	Issioui, Tijani; Klein, Kevin W; White, Paul F; Watcha, Mehernoor F; Skrivanek, Gary D; Jones, Stephanie B; Hu, Jie; Marple, Bradley F; Ing, Caleb				55
12357147	Input characteristics and bioavailability after administration of immediate and a new extended-release formulation of hydromorphone in healthy volunteers.	2002	Anesthesiology	Drover, David R; Angst, Martin S; Valle, Marta; Ramaswamy, Bhamini; Naidu, Sujata; Stanski, Donald R; Verotta, Davide				77
12357145	Does the A118G polymorphism at the mu-opioid receptor gene protect against morphine-6-glucuronide toxicity?	2002	Anesthesiology	Lotsch, Jörn; Zimmermann, Michael; Darimont, Jutta; Marx, Claudia; Dudziak, Rafael; Skarke, Carsten; Geisslinger, Gerd			Not found on Microsoft Academic	
12356116	Metastatic gastroesophageal adenocarcinoma to skeletal muscle: a unique event.	2002	Southern Medical Journal	Rehman, Shakila U; Cope, Dennis W; Basile, Jan N		Y		17
12351285	Dissociative mental state in a patient with an intrathecal drug administration system.	2002	Anesthesia And Analgesia	Loughrey, John P R; Nedeljkovic, Srdjan S		Y		2
12351284	Immune mechanisms in pain control.	2002	Anesthesia And Analgesia	Machelska, Halina; Stein, Christoph				52
12351281	The analgesic effect of gabapentin and mexiletine after breast surgery for cancer.	2002	Anesthesia And Analgesia	Fassoulaki, Argyro; Patris, Konstantinos; Sarantopoulos, Costantine; Hogan, Quinn		Y		257
12351280	Hyperalgesia during opioid abstinence: mediation by glutamate and substance p.	2002	Anesthesia And Analgesia	Li, Xiangqi; Clark, J David		Y		47
12351274	The magnitude of acute tolerance to morphine analgesia: concentration-dependent or time-dependent?	2002	Anesthesia And Analgesia	Ho, Shung-Tai; Wang, Jhi-Joung; Huang, Jeng-Chai; Lin, Mao-Tsun; Liaw, Wen-Jinn				14
12351270	Cyclosporine can increase isoflurane MAC.	2002	Anesthesia And Analgesia	Niemann, Claus U; Stabernack, Caroline; Serkova, Natalie; Jacobsen, Wolfgang; Christians, Uwe; Eger, Edmond I 2nd		Y		13
12351269	Propofol in a medium- and long-chain triglyceride emulsion: pharmacological characteristics and potential beneficial effects.	2002	Anesthesia And Analgesia	Theilen, Hermann J; Adam, Sigrid; Albrecht, Michael D; Ragaller, Maximilian				37
12351251	Persistent pain after cardiac surgery: an audit of high thoracic epidural and primary opioid analgesia therapies.	2002	Anesthesia And Analgesia	Ho, Sue C; Royse, Colin F; Royse, Alistair G; Penberthy, Arthur; McRae, Roderick		Y		42
12351250	Propacetamol as adjunctive treatment for postoperative pain after cardiac surgery.	2002	Anesthesia And Analgesia	Lahinen, Pasi; Kokki, Hannu; Hendolin, Heikki; Hakala, Tapio; Hyynnen, Markku		Y		65
12351249	Remifentanil, fentanyl, and cardiac surgery: a double-blinded, randomized, controlled trial of costs and outcomes.	2002	Anesthesia And Analgesia	Myles, Paul S; Hunt, Jennifer O; Fletcher, Helen; Watts, Jennifer; Bain, David; Silvers, Andrew; Buckland, Mark R				81
12351247	High thoracic epidural anesthesia for coronary artery bypass grafting using two different surgical approaches in conscious patients.	2002	Anesthesia And Analgesia	Kessler, Paul; Neidhart, Gerd; Bremerich, Dorothee H; Aybek, Tayfun; Dogan, Selami; Lischke, Volker; Byhahn, Christian		Y		30
12322770	Tension-type headache.	2002	American Family Physician	Millea, Paul J; Brodie, Jonathan J		Y		28
12269684	Effectiveness of pain relief during perineal suturing.	2002	BJOG : An International Journal Of Sanders, Julia; Campbell, Rona; Peters, Tim J			Y		28
12239500	Massive OxyContin ingestion refractory to naloxone therapy.	2002	Annals Of Emergency Medicine	Schneir, Aaron B; Vadeboncoeur, Tyler F; Offerman, Steven R; Barry, James D; Ly, Binh T; Williams, Saralyn R; Clark, Richard F		Y		24
12230382	Summaries for patients. Very high doses of methadone may cause abnormal heart rhythm.	2002	Annals Of Internal Medicine			Y	Not found on Microsoft Academic	

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12230351	Torsade de pointes associated with very-high-dose methadone.	2002	Annals Of Internal Medicine	Krantz, Mori J; Lewkowicz, Laurent; Hays, Helen; Woodroffe, Mary Ann; Robertson, Alastair D; Meher, Philip S			Y		290
12218520	A randomized study of the effects of single-dose gabapentin versus placebo on postoperative pain and morphine consumption after mastectomy.	2002	Anesthesiology	Dirks, Jesper; Fredensborg, Birgitte B; Christensen, Dennis; Fomsgaard, Jonna S; Flyger, Henrik; Dahl, Jorgen B					266
12218518	Epidural analgesia enhances functional exercise capacity and health-related quality of life after colonic surgery: results of a randomized trial.	2002	Anesthesiology	Carli, Franco; Mayo, Nancy; Klubien, Kristine; Schicker, Thomas; Trudel, Judith; Belliveau, Paul					319
12209704	Dextromethorphan for the reduction of immediate and late postoperative pain and morphine consumption in orthopedic oncology patients: a randomized, placebo-controlled, double-blind study.	2002	Cancer	Weinbroum, Avi A; Gorodetsky, Alexander; Nirkin, Alexander; Kollender, Yehuda; Bickels, Jacob; Marouani, Nissim; Rudick, Valery; Meller, Isaac			Y		46
12205288	Nebulized morphine as a treatment for dyspnea in a child with cystic fibrosis.	2002	Pediatrics	Cohen, Steven P; Dawson, Timothy C			Y		31
12205262	Does parenchymal brain injury affect biobehavioral pain responses in very low birth weight infants at 32 weeks' postconceptual age?	2002	Pediatrics	Oberlander, Tim F; Grunau, Ruth E; Fitzgerald, Colleen; Whitfield, Michael F			Y		52
12198075	Pharmacokinetics of transdermal fentanyl.	2002	Anesthesia And Analgesia	Thompson, Jonathan P; Rowbotham, David J			Y		0
12198064	The analgesic efficacy of bilateral combined superficial and deep cervical plexus block administered before thyroid surgery under general anesthesia.	2002	Anesthesia And Analgesia	Aunac, Sophie; Carlier, Marianne; Singelyn, Francois; De Kock, Marc					64
12198063	A randomized controlled trial examining the effect of naproxen on analgesia during the second day after cesarean delivery.	2002	Anesthesia And Analgesia	Angle, Pamela J; Halpern, Stephen H; Leighton, Barbara L; Szalai, J P; Gnanendran, K; Kronberg, Jean E					46
12198058	Combination spinal analgesic chemotherapy: a systematic review.	2002	Anesthesia And Analgesia	Walker, Suellen M; Goudas, Leonidas C; Cousins, Michael J; Carr, Daniel B					103
12198056	Intrathecal magnesium prolongs fentanyl analgesia: a prospective, randomized, controlled trial.	2002	Anesthesia And Analgesia	Buvanendran, Asokumar; McCarthy, Robert J; Kroin, Jeffrey S; Leong, Warren; Perry, Patricia; Tuman, Kenneth J			Y		125
12198052	Bispectral index in patients with target-controlled or manually-controlled infusion of propofol.	2002	Anesthesia And Analgesia	Lehmann, Andreas; Boldt, Joachim; Thaler, Elfi; Piper, Swen; Weisse, Udo			Y		36
12198050	Pain as a factor complicating recovery and discharge after ambulatory surgery.	2002	Anesthesia And Analgesia	Pavlin, D Janet; Chen, C; Penalosa, D A; Polissar, Nayak L; Buckley, F Peter					242
12198045	The use of magnesium sulfate to prevent pain on injection of propofol.	2002	Anesthesia And Analgesia	Memis, Dilek; Turan, Alparslan; Karamanlioglu, Beyhan; Sut, Necdet; Pamukcu, Zafer			Y		73
12189357	Religious beliefs of patients and caregivers as a barrier to the pharmacologic control of cancer pain.	2002	Clinical Pharmacology And Therapeutics	Bosch, Felix; Banos, Josep E					20
12177378	The final month of life in patients with ALS.	2002	Neurology	Ganzini, Linda; Johnston, Wendy S; Silveira, Maria J					101
12170058	Role of adenosine receptors in spinal G-protein activation after peripheral nerve injury.	2002	Anesthesiology	Bantle, Carsten; Childers, Steven R; Eisenach, James C					24
12170040	Effect of parecoxib, a novel intravenous cyclooxygenase type-2 inhibitor, on the postoperative opioid requirement and quality of pain control.	2002	Anesthesiology	Tang, Jun; Li, Shitong; White, Paul F; Chen, Xiaoguang; Wender, Ronald H; Quon, Raymond; Sloninsky, Alexander; Naruse, Robert; Kariger, Robert; Webb, Tom; Norel, Eve					103
12170039	Continuous infraclavicular brachial plexus block for postoperative pain control at home: a randomized, double-blinded, placebo-controlled study.	2002	Anesthesiology	Ilfeld, Brian M; Morey, Timothy E; Enneking, F Kayser					183
12168963	Prospective randomized clinical trial comparing nitrous oxide and carbon dioxide pneumoperitoneum for laparoscopic surgery.	2002	Journal Of The American College Of Surgeons	Tsereteli, Zurab; Terry, Maria L; Bowers, Steven P; Spivak, Hadar; Archer, Steven B; Galloway, Kathy D; Hunter, John G			Y		31
12160502	Should intrathecal narcotics be used as a sole labor analgesic? A prospective comparison of spinal opioids and epidural bupivacaine.	2002	The Journal Of Family Practice	Fontaine, Patricia; Adam, Patricia; Svendsen, Kenneth H					7
12151917	Efficacy and safety of intravenous parecoxib sodium in relieving acute postoperative pain following gynecologic laparotomy surgery.	2002	Anesthesiology	Barton, Scott F; Langeland, Fred F; Snabes, Michael C; LeComte, Diane; Kuss, Michael E; Dhadda, Shobha S; Hubbard, Richard C					121
12151476	Knocking out the DREAM to study pain.	2002	The New England Journal Of Medicine	Vogt, Brent A			Y		10
12145073	Temperature control and recovery of bowel function after laparoscopic or laparotomy colorectal surgery in patients receiving combined epidural/general anesthesia and postoperative epidural analgesia.	2002	Anesthesia And Analgesia	Danelli, Giorgio; Berti, Marco; Perotti, Valeria; Albertini, Andrea; Baccari, Paolo; Deni, Francesco; Fanelli, Guido; Casati, Andrea			Y		35
12145072	The efficacy, side effects, and recovery characteristics of dexmedetomidine versus propofol when used for intraoperative sedation.	2002	Anesthesia And Analgesia	Arain, Shahbaz R; Ebert, Thomas J					206
12145069	A comparison of 0.1% and 0.2% ropivacaine and bupivacaine combined with morphine for postoperative patient-controlled epidural analgesia after major abdominal surgery.	2002	Anesthesia And Analgesia	Senard, Marc; Joris, Jean L; Ledoux, Didier; Toussaint, Pierre J; Lahaye-Goffart, Benoit; Lamy, Maurice L			Y		30
12145067	A double-blinded, randomized comparison of intrathecal and epidural morphine for elective cesarean delivery.	2002	Anesthesia And Analgesia	Survela, J; Halonen, P; Soikkeli, A; Korttila, K			Y		82

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12133084	Effect of pre-operative anxiolysis on postoperative pain response in patients undergoing total abdominal hysterectomy.	2002		Anaesthesia	Caumo, W; Hidalgo, M P L; Schmidt, A P; Iwamoto, C W; Adamatti, L C; Bergmann, J; Ferreira, M B C				39
12131352	Intravesical morphine analgesia is not effective after bladder surgery in children: results of a randomised double-blind study.	2002		The Journal Of Urology	El-Ghoneimi, Alaa; Deffarges, Christian; Hankard, Regis; Jean-Eudes, Fontan; Aigrain, Yves; Jacqz-Aigrain, Evelyne				Not found on Microsoft Academic
12131119	Effects of a novel selective agonist for prostaglandin receptor subtype EP4 on hyperalgesia and inflammation in monoarthritic model.	2002		Anesthesiology	Omote, Keiichi; Kawamura, Tomoyuki; Nakayama, Yoshito; Yamamoto, Hiroki; Kawamata, Mikito; Namiki, Akiyoshi				38
12128033	Managing chronic pain in the primary care setting.	2002		American Family Physician	Marcus, Dawn A		Y		4
12126032	Alternatives to rehydration during hypodermoclysis.	2002		American Family Physician	Woodall, Hunter E		Y		1
12118650	A randomised controlled trial of the closure or non-closure of peritoneum at caesarean section: effect on post-operative pain.	2002		BJOG : An International Journal Of Obstetrics And Gynaecology	Rafique, Z; Shibli, K U; Russell, I F; Lindow, S W		Y		50
12117345	Acute pain management following laryngectomy.	2002		Archives Of Otolaryngology—Head & Neck Surgery	Orgill, Richard; Krempel, Greg A; Medina, Jesus E		Y		12
12115398	A prospective study evaluating the response of patients with unrelieved cancer pain to parenteral opioids.	2002		Cancer	Enting, Roelien H; Oldenmenger, Wendy H; van der Rijt, Carin C D; Wilms, Erik B; Elfrink, Erna J; Elswijk, Ineke; Sillevits Smitt, Peter A E		Y		82
12115334	Rapid titration with intravenous morphine for severe cancer pain and immediate oral conversion.	2002		Cancer	Mercadante, Sebastiano; Villari, Patrizia; Ferreira, Patrizia; Casuccio, Alessandra; Fulfaro, Fabio		Y		60
12114337	Breathing patterns during vaso-occlusive crisis of sickle cell disease.	2002		Chest	Needleman, Joshua P; Benjamin, Lennette J; Sykes, Joseph A; Aldrich, Thomas K		Y		25
12113549	Pain control in outpatient surgery.	2002		Journal Of The American College Of Surgeons	Schechter, William P; Bongard, Frederic S; Gainor, Barry J; Weltz, Debra L; Horn, Jan K; Alexander, James M; Sharma, Shiv K; McIntire, Donald D; Leveno, Kenneth J		Y		Not found on Microsoft Academic
12100802	Epidural analgesia lengthens the Friedman active phase of labor.	2002		Obstetrics And Gynecology	Siddik-Sayyid, Sahar M; Aouad, Marie T; Jalbout, Maya I; Zalaket, Mima I; Berzina, Carina E; Baraka, Anis S		Y		59
12088970	Intrathecal versus intravenous fentanyl for supplementation of subarachnoid block during cesarean delivery.	2002		Anesthesia And Analgesia	Ng, A; Swami, A; Smith, G; Davidson, A C; Emembolu, J		Y		34
12088961	The analgesic effects of intraperitoneal and incisional bupivacaine with epinephrine after total abdominal hysterectomy.	2002		Anesthesia And Analgesia	Stener-Victorin, Elisabet; Kowalski, Jan; Lundberg, Thomas		Y		63
12088980	A new highly reliable instrument for the assessment of pre- and postoperative gynecological pain.	2002		Anesthesia And Analgesia	Kudoh, Akira; Takahira, Yoko; Katagai, Hiroshi; Takazawa, Tomoko				36
12088953	Small-dose ketamine improves the postoperative state of depressed patients.	2002		Anesthesia And Analgesia	Guignard, Bruno; Coste, Carole; Costes, Helene; Sessler, Daniel I; Lebrault, Claude; Morris, William; Simonnet, Guy; Chauvin, Marcel		Y		115
12088951	Supplementing desflurane-remifentanil anesthesia with small-dose ketamine reduces perioperative opioid analgesic requirements.	2002		Anesthesia And Analgesia	Homer, J J; Frewer, J D; Swallow, J; Semple, P				151
12080995	An audit of post-operative analgesia in children following tonsillectomy.	2002		The Journal Of Laryngology And Otology	Fioramonti, J; Bueno, L		Y		20
12077076	Centrally acting agents and visceral sensitivity.	2002		Gut	Spiller, R		Y		28
12077075	Pharmacotherapy: non-serotonergic mechanisms.	2002		Gut	Vastag, Brian		Y		12
12086953	Pain guidelines encourage vigilance.	2002		JAMA			Y		2
	Source: PubMed, Teva / Cephalon HCP Spending Data						Y		26
12080868	Continuous epidural infusion of lidocaine with local anesthetic for pain after cesarean delivery.	2002		American Journal Of Obstetrics And Gynecology	Orlitzky, Veredka A; Epelman, Gary P; Meyer, Norman L				81
12049582	Tonsillectomy by means of plasma-mediated ablation: prospective, randomized, blinded comparison with monopolar electrosurgery.	2002		Archives Of Otolaryngology—Head & Neck Surgery	Shah, Udayan K; Galinkin, Jeffrey; Chiavacci, Rosetta; Briggs, Marianne		Y		50
12040592	Chronic pain. Clinical management of common causes of geriatric pain.	2002		Geriatrics	Freedman, Gordon M		Y		30
12034392	Should bilateral inguinal hernias be repaired during one operation?	2002		American Journal Of Surgery	Dakkuri, Rami A; Ludwig, Deron J; Traverso, L William		Y		21
12032038	Epidural morphine delays the onset of tourniquet pain during epidural lidocaine anesthesia.	2002		Anesthesia And Analgesia	Cheng, Chen-Hwan; Wong, Chih-Shung; Chang, Fang-Lin; Ho, Shung-Tai; Lee, Chian-Her				7
12032037	Continuous psoas compartment block for postoperative analgesia after total hip arthroplasty: new landmarks, technical guidelines, and clinical evaluation.	2002		Anesthesia And Analgesia	Capdevila, Xavier; Macaire, Philippe; Dadure, Christophe; Choquet, Olivier; Biboulet, Philippe; Ryckwaert, Yves; D'Athis, Francoise				243
12032038	Epinephrine markedly improves thoracic epidural analgesia produced by a small-dose infusion of ropivacaine, fentanyl, and epinephrine after major thoracic or abdominal surgery: a randomized, double-blinded crossover study with and without epinephrine.	2002		Anesthesia And Analgesia	Niemi, Geir; Breivik, Harald				90
12032025	Ondansetron inhibits the analgesic effects of tramadol: a possible 5-HT(3) spinal receptor involvement in acute pain in humans.	2002		Anesthesia And Analgesia	Arcioni, Roberto; della Rocca, Marco; Romano, Sarah; Romano, Rocco; Pietropaoli, Paolo; Gasparetto, Alessandro		Y		Not found on Microsoft Academic

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12032024	Dextromethorphan reduces immediate and late postoperative analgesic requirements and improves patients' subjective scorings after epidural lidocaine and general anesthesia.	2002	Anesthesia And Analgesia	Weinbroum, Avi A		Y		24
12032023	The role of spinal opioid receptors in antinociceptive effects produced by intrathecal administration of hydromorphone and buprenorphine in the rat.	2002	Anesthesia And Analgesia	Tejwani, Gopi A; Rattan, Anil K		Y		21
12032018	The prevention of pain from injection of rocuronium by ondansetron, lidocaine, tramadol, and fentanyl.	2002	Anesthesia And Analgesia	Memis, Dilek; Turan, Alparslan; Karamanlioglu, Beyhan; Sut, Necdet; Pamukcu, Zafer		Y		89
12032010	The bispectral index and explicit recall during the intraoperative wake-up test for scoliosis surgery.	2002	Anesthesia And Analgesia	McCann, Mary Ellen; Brustowicz, Robert M; Bacsiik, Julianne; Sullivan, Lorna; Auble, Susan G; Laussem, Peter C		Y		63
12032009	An evaluation of the efficacy and tolerability of oral tramadol hydrochloride tablets for the treatment of postsurgical pain in children.	2002	Anesthesia And Analgesia	Finkel, Julia C; Rose, John B; Schmitz, Michael L; Birmingham, Patrick K; Ulma, George A; Gunter, Joel B; Chana, Avital; Cote, Charles J; Medve, Robert A; Schreiner, Mark S				63
12031992	Is epinephrine unfairly neglected for postoperative epidural mixtures?	2002	Anesthesia And Analgesia	Curatolo, Michele		Y		18
12023171	Nitrous oxide analgesia during intra-articular injection for juvenile idiopathic arthritis.	2002	Archives Of Disease In Childhood	Cleary, A G; Ramanan, A V; Baildam, E; Birch, A; Silis, J A; Davidson, J E		Y		41
12011876	Parenteral opioids for labor pain relief: a systematic review.	2002	American Journal Of Obstetrics And Gynecology	Bricker, Leanne; Lavender, Tina		Y		94
12011873	The effects of epidural analgesia on labor, maternal, and neonatal outcomes: a systematic review.	2002	American Journal Of Obstetrics And Gynecology	Leighton, Barbara L; Halpern, Stephen H		Y		180
12011869	The nature and management of labor pain: executive summary.	2002	American Journal Of Obstetrics And Gynecology	Caton, Donald; Corry, Maureen P; Frigoletto, Fredric D; Hopkins, David P; Lieberman, Ellice; Mayberry, Linda; Rooks, Judith P; Rosenfield, Allan; Sakala, Carol; Simkin, Penny; Young, Diony		Y		60
12011309	Clinical features of withdrawal headache following overuse of triptans and other headache drugs.	2002	Neurology	Mauskop, Alexander		Y		Not found on Microsoft Academic
12010266	The influence of timing and route of administration of intravenous ketorolac on analgesia after hand surgery.	2002	Anaesthesia	Ashworth, H L; Ong, C; Seed, P T; Venn, P J		Y		6
12006819	Cerebral and coronary gas embolism from the inhalation of pressurized helium.	2002	Critical Care Medicine	Tretjak, Martin; Gorjup, Vojka; Mozina, Hugon; Horvat, Matija; Noc, Marko		Y		13
12005011	Awareness and use of over-the-counter pain medications: a survey of emergency department patients.	2002	Southern Medical Journal	Cham, Elaine; Hall, Louise; Ernst, Amy A; Weiss, Steven J		Y		42
12004808	Effect of the addition of ketamine to morphine in patient-controlled analgesia.	2002	Anaesthesia	Murdoch, C J; Crooks, B A; Miller, C D		Y		62
12004020	Scalene regional anaesthesia for shoulder surgery in a community setting: an assessment of risk.	2002	The Journal Of Bone And Joint Surgery. American Volume	Weber, Stephen C; Jain, Ritu		Y		63
12001130	Cancer pain management among underserved minority outpatients: perceived needs and barriers to optimal control.	2002	Cancer	Anderson, Karen O; Richman, Stephen P; Hurley, Judith; Palos, Guadalupe; Valero, Vicente; Mendoza, Tito R; Gning, Ibrahima; Cleland, Charles S		Y		173
11996260	Endoscopic internal thoracic artery dissection leads to significant reduction of pain after minimally invasive direct coronary artery bypass graft surgery.	2002	The Annals Of Thoracic Surgery	Bucurius, Jan; Metz, Sebastian; Walther, Thomas; Falk, Volkmar; Doll, Nicolas; Noack, Frank; Holzhey, David; Diegeler, Anno; Mohr, Friedrich W		Y		45
11992039	Subjective and objective comparison of critical care pathways for open donor nephrectomy.	2002	The Journal Of Urology	Knight, Melinda K; DiMarco, David S; Myers, Robert P; Gettman, Matthew T; Baghai, Mercedes; Engen, Donald; Segura, Joseph W		Y		16
11991628	Evolution of visceral sensitivity in patients with irritable bowel syndrome.	2002	Digestive Diseases And Sciences	Poitras, Pierre; Riberry Poitras, Monique; Plourde, Victor; Boivin, Michel; Verrier, Pierre		Y		70
11986452	A randomized, clinical trial of oral midazolam plus placebo versus oral midazolam plus oral transmucosal fentanyl for sedation during laceration repair.	2002	Pediatrics	Klein, Eileen J; Diekema, Douglas S; Paris, Carolyn A; Quan, Linda; Cohen, Morty; Seidel, Kristy D				35
11981171	Ketamine combined with morphine for the management of pain in an opioid addict.	2002	Anesthesiology	Haller, Guy; Waeber, Jean-Luc; Infante, Nicoline Kooger; Clergue, Francois		Y		32
11981159	Intracerebroventricular morphine produces antinociception by evoking gamma-aminobutyric acid release through activation of 5-hydroxytryptamine 3 receptors in the spinal cord.	2002	Anesthesiology	Kawamura, Tomoyuki; Omote, Keiichi; Toriyabe, Masaki; Kawamura, Mikito; Namiki, Akiyoshi		Y		Not found on Microsoft Academic
11981158	Effects of analgesics on delayed postherpetic pain in mice.	2002	Anesthesiology	Takasaki, Ichiro; Sasaki, Atsushi; Andoh, Tsugunobu; Nojima, Hiroshi; Shiraki, Kimiyasu; Kuraishi, Yasushi				35
11981150	Effects of clonidine on postoperative nausea and vomiting in breast cancer surgery.	2002	Anesthesiology	Oddy-Muhrbeck, Eva; Eksborg, Staffan; Bergendahl, Henrik T G; Muhrbeck, Olle; Lonnqvist, Per Arne		Y		71
11981144	A comparison of intrathecal fentanyl and sufentanil for labor analgesia.	2002	Anesthesiology	Nelson, Kenneth E; Rauch, Traci; Terebuh, Victor; D'Angelo, Robert				65

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11978276	A randomized controlled trial of early oral analgesia in gynecologic oncology patients undergoing intra-abdominal surgery.	2002	Obstetrics And Gynecology	Pearl, Michael L; McCauley, Dayna L; Thompson, Jill; Mahler, Linda; Valea, Fidel A; Chalas, Eva		Y		8
11978209	Treatment of postherpetic neuralgia: a systematic review of the literature.	2002	The Journal Of Family Practice	Alper, Brian S; Lewis, Peter R		Y		48
11976532	Opioid-induced constipation. Management is necessary but prevention is better.	2002	The American Journal Of Nursing	Plaisance, Louise; Ellis, Joan Anny		Y		10
11976519	Pain management.	2002	The American Journal Of Nursing	O'Laughlin, Kathleen		Y		Not found on Microsoft Academic
11973209	Continuous epidural infusion of 0.05% bupivacaine plus hydromorphone for labor analgesia: an observational assessment in 1830 parturients.	2002	Anesthesia And Analgesia	Sinatra, Raymond S; Eige, Steven; Chung, James H; Chung, K Sam; Sevarino, Ferne B; Lobo, Ana; Fermo, Lee; Ocampo, Carlos A; Laulin, Jean-Paul; Maurette, Pierre; Corcuff, Jean-Benoit; Riva, Cyril; Chauvin, Marcel; Simonnet, Guy		Y		5
11973202	The role of ketamine in preventing fentanyl-induced hyperalgesia and subsequent acute morphine tolerance.	2002	Anesthesia And Analgesia	Laulin, Jean-Paul; Maurette, Pierre; Corcuff, Jean-Benoit; Riva, Cyril; Chauvin, Marcel; Simonnet, Guy				261
11973194	The absence of acute tolerance during remifentanil infusion in volunteers.	2002	Anesthesia And Analgesia	Gustoff, Burkhard; Nahlik, Gabriele; Hoerauf, Klaus H; Kress, Hans G				75
11973187	The efficacy of premedication with celecoxib and acetaminophen in preventing pain after otolaryngologic surgery.	2002	Anesthesia And Analgesia	Issiou, Tijani; Klein, Kevin W; White, Paul F; Watcha, Mehermoor F; Coloma, Margarita; Skrivanek, Gary D; Jones, Stephanie B; Thornton, Kevin C; Marple, Bradley F		Y		115
11973185	The effect of fentanyl on the emergence characteristics after desflurane or sevoflurane anesthesia in children.	2002	Anesthesia And Analgesia	Cohen, Ira Todd; Finkel, Julia C; Hannallah, Raafat S; Hummer, Kelly A; Patel, Kantilal M		Y		107
11973184	The effect of remifentanil or fentanyl on postoperative vomiting and pain in children undergoing strabismus surgery.	2002	Anesthesia And Analgesia	Eltzschig, Holger K; Schroeder, Torsten H; Eissler, B Jürgen; Felbinger, Thomas W; Vonthein, Reinhard; Ehlers, Ralla; Guggenberger, Heinz		Y		23
11973180	Testing anal sphincter tone predicts the effectiveness of caudal analgesia in children.	2002	Anesthesia And Analgesia	Vergheese, Susan T; Mostello, Lucille A; Patel, Ramesh I; Kaplan, Richard F; Patel, Kantilal M		Y		17
11966550	Efficacy of ropivacaine compared with ropivacaine plus sufentanil for postoperative analgesia after major knee surgery.	2002	Anaesthesia	Lorenzini, C; Moreira, L B; Ferreira, M B C		Y		23
11964620	Local administration of morphine for analgesia after iliac bone graft harvest.	2002	Anesthesiology	Sawyer, Richard J		Y		78
11964590	Analgesic effects of intravenous lidocaine and morphine on postamputation pain: a randomized double-blind, active placebo-controlled, crossover trial.	2002	Anesthesiology	Wu, Christopher L; Tella, Prabhav; Staats, Peter S; Vasila, Rachel; Kazim, Debra A; Wesselmann, Ursula; Raja, Srinivasa N		Y		132
11953515	Morphine. Now.	2002	The American Journal Of Nursing	Vincent, Peggy		Y		Not found on Microsoft Academic
11949756	Palliative care by the surgeon: how to do it.	2002	Journal Of The American College Of Surgeons	Dunn, Geoffrey P; Milch, Robert A; Mosenthal, Anne C; Lee, K Francis; Easson, Alexandra M; Huffman, Joan L		Y		20
11943926	Intravenous fentanyl. Out of the operating room and gaining in popularity.	2002	The American Journal Of Nursing	Pasero, Chris; Montgomery, Robert		Y		7
11943925	All I have left. A daughter's dilemma.	2002	The American Journal Of Nursing	Evans, Chris		Y		0
11920548	The panorama of opioid-related cognitive dysfunction in patients with cancer: a critical literature appraisal.	2002	Cancer	Lawlor, Peter G		Y		89
11916821	Reduction of pain on injection of propofol: a comparison of fentanyl with remifentanil.	2002	Anesthesia And Analgesia	Basaranoglu, Gokcen; Erden, Veysel; Delatioglu, Hamdi		Y		11
11916809	A double-blinded, randomized comparison of either 0.5% levobupivacaine or 0.5% ropivacaine for sciatic nerve block.	2002	Anesthesia And Analgesia	Casati, Andrea; Borghi, Battista; Fanelli, Guido; Cercherini, Elisa; Santorsola, Roberta; Sassoli, Valeria; Grispigni, Crispino; Torri, Giorgio		Y		65
11916808	Perioperative small-dose S(+)-ketamine has no incremental beneficial effects on postoperative pain when standard-practice opioid infusions are used.	2002	Anesthesia And Analgesia	Jaksch, Wolfgang; Lang, Stefan; Reichhalter, Robert; Raab, Gerald; Dann, Klaus; Fitzal, Sylvia		Y		78
11916807	The interaction between gabapentin and amitriptyline in the rat formalin test after systemic administration.	2002	Anesthesia And Analgesia	Heughan, Caroline E; Sawynok, Jana				26
11916806	Spinal and peripheral mu opioids and the development of secondary tactile allodynia after thermal injury.	2002	Anesthesia And Analgesia	Nozaki-Taguchi, Natsuko; Yaksh, Tony L				Not found on Microsoft Academic
11916799	A comparison of epidural infusions in the combined spinal/epidural technique for labor analgesia.	2002	Anesthesia And Analgesia	Beilin, Yaakov; Nair, Ashalatha; Arnold, Itamar; Bernstein, Howard H; Zahn, Jeffrey; Hossain, Sabera; Bodian, Carol A				16
11916797	Prolonged intravenous remifentanil infusion for labor analgesia.	2002	Anesthesia And Analgesia	Owen, Medge D; Poss, Michael J; Dean, Laura S; Harper, Margaret A		Y		41
11916796	Remifentanil in obstetric analgesia: a dose-finding study.	2002	Anesthesia And Analgesia	Volmanen, Petri; Akural, Ethem I; Raudaskoski, Tytti; Alahuhta, Seppo		Y		121
11916793	The stability of a ketamine-morphine solution.	2002	Anesthesia And Analgesia	Schmid, Roger; Koren, Gideon; Klein, Julia; Katz, Joel				18
11916785	Postoperative pain relief in children undergoing tympanomastoid surgery: is a regional block better than opioids?	2002	Anesthesia And Analgesia	Suresh, Santhanam; Barcelona, Sandra L; Young, Nancy M; Seligman, Ilana; Heffner, Corri L; Cote, Charles J		Y		52
11912374	Analgesia for shock wave lithotripsy.	2002	The Journal Of Urology	Parkin, John; Keeley FX, Francis X; Timoney, Anthony G		Y		22
11902701	Ketorolac for pain management after abdominal surgical procedures in infants.	2002	Southern Medical Journal	Burd, Randall S; Tobias, Joseph D		Y		24

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11892635	Patient-controlled epidural fentanyl following spinal fentanyl at Caesarean section.	2002	Anaesthesia	Cooper, D W; Garcia, E; Mowbray, P; Millar, M A			Y		25
11874310	Acupuncture: theory, efficacy, and practice.	2002	Annals Of Internal Medicine	Kaptchuk, Ted J					568
11873051	A qualitative and quantitative systematic review of preemptive analgesia for postoperative pain relief: the role of timing of analgesia.	2002	Anesthesiology	Moiniche, Steen; Kehlet, Henrik; Dahl, Jorgen Berg					653
11873039	A combination of gabapentin and morphine mediates enhanced inhibitory effects on dorsal horn neuronal responses in a rat model of neuropathy.	2002	Anesthesiology	Matthews, Elizabeth A; Dickenson, Anthony H					106
11873038	Magnesium increases morphine analgesic effect in different experimental models of pain.	2002	Anesthesiology	Begon, Sophie; Pickering, Gisele; Eschaliere, Alain; Dubray, Claude					81
11873026	Cesarean delivery: a randomized trial of epidural analgesia versus intravenous meperidine analgesia during labor in nulliparous women.	2002	Anesthesiology	Sharma, Shiv K; Alexander, James M; Messick, Gary; Bloom, Steven L; McIntire, Donald D; Wiley, Jackie; Leveno, Kenneth J					117
11868307	How to taper tramadol dose.	2002	Postgraduate Medicine	Belgrade, Miles J			Y		0
11867972	Treatment patterns of isolated benign headache in US emergency departments.	2002	Annals Of Emergency Medicine	Vinson, David R			Y		112
11867779	Embolization of bleeding residual uterine vascular malformations in patients with treated gestational trophoblastic tumors.	2002	Radiology	Lim, Adrian K P; Agarwal, Roshan; Seckl, Michael J; Newlands, Edward S; Barrett, Nigel K; Mitchell, Adam W M			Y		61
11867396	The primary action of epidural fentanyl after cesarean delivery is via a spinal mechanism.	2002	Anesthesia And Analgesia	Cohen, Shaul; Pantuck, Carol B; Amar, David; Burley, Elizabeth; Pantuck, Eugene J			Y		22
11867379	The role of non-opioid analgesic techniques in the management of pain after ambulatory surgery.	2002	Anesthesia And Analgesia	White, Paul F					241
11867369	Tramadol infusion for postthoracotomy pain relief: a placebo-controlled comparison with epidural morphine.	2002	Anesthesia And Analgesia	Bloch, Mark B; Dyer, Robert A; Heijke, Sylvia A; James, Michael F			Y		51
11865132	Effects of IV morphine in central pain: a randomized placebo-controlled study.	2002	Neurology	Attal, N; Guirimand, F; Brasseur, L; Gaudé, V; Chauvin, M; Bouhassira, D					171
11865125	Opioids: a way to control central pain?	2002	Neurology	Jensen, Troels S; Sindrup, Soren H			Y		3
11864673	A randomized trial of intrapartum analgesia in women with severe preeclampsia.	2002	Obstetrics And Gynecology	Head, Barbara B; Owen, John; Vincent, Robert D Jr; Shih, Grace; Chestnut, David H; Hauth, John C			Y		40
11860072	Complications of intranasal prescription narcotic abuse.	2002	The Annals Of Otology, Rhinology, And Laryngology	Yewell, Jason; Haydon, Richard; Archer, Sanford; Manaligod, Jose M			Y		53
11857319	Episodic (breakthrough) pain: consensus conference of an expert working group of the European Association for Palliative Care.	2002	Cancer	Mercadante, Sebastiano; Radbruch, Lukas; Caraceni, Augusto; Cherny, Nathan; Kaasa, Stein; Nauck, Friedemann; Ripamonti, Carla; De Conno, Franco			Y		275
11856127	Long-term results of bilateral thoracoscopic splanchnicectomy in patients with chronic pancreatitis.	2002	The British Journal Of Surgery	Buscher, H C J L; Jansen, J B M J; van Dongen, R; Bleichrodt, R P; van Goor, H			Y		74
11851660	Randomized clinical trial of laparoscopic versus open abdominal rectopexy for rectal prolapse.	2002	The British Journal Of Surgery	Solomon, M J; Young, C J; Eyers, A A; Roberts, R A					209
11843743	Sevoflurane vs. isoflurane: a clinical comparison in day surgery.	2002	Anaesthesia	Elcock, D H; Sweeney, B P			Y		12
11843742	A comparison of patient-controlled analgesia administered by the intravenous or intranasal route during the early postoperative period.	2002	Anaesthesia	Ward, M; Minto, G; Alexander-Williams, J M			Y		22
11843734	Glycopyrronium and hypotension following combined spinal-epidural anaesthesia for elective Caesarean section in women with relative bradycardia.	2002	Anaesthesia	Rucklidge, M W M; Durbridge, J; Barnes, P K; Yentis, S M			Y		8
11838651	Complex regional pain syndrome.	2002	Mayo Clinic Proceedings	Rho, Richard H; Brewer, Randall P; Larmer, Tim J; Wilson, Peter R			Y		110
11835010	Thoracoscopic resection of painful multiple rib fractures: case report.	2002	The Journal Of Trauma	Sing, Ronald F; Mostafa, Gamal; Matthews, Brent D; Kercher, Kent W; Heniford, B Todd			Y		14
11818772	Fentanyl enhancement of carrageenan-induced long-lasting hyperalgesia in rats: prevention by the N-methyl-D-aspartate receptor antagonist ketamine.	2002	Anesthesiology	Rivat, Cyril; Laulin, Jean-Paul; Corcuff, Jean-Benoit; Celierier, Evelyne; Pain, Laure; Simonnet, Guy					154
11818771	Estrogen reduces efficacy of mu- but Not kappa-opioid agonist inhibition in response to uterine cervical distension.	2002	Anesthesiology	Sandner-Kiesling, Andreas; Eisenach, James C					Not found on Microsoft Academic
11772223	Use of meperidine in patient-controlled analgesia and the development of a normeperidine toxic reaction.	2002	Archives Of Surgery (Chicago, Ill. : 1960)	Simopoulos, Thomas T; Smith, Howard S; Peeters-Asdourian, Christine; Stevens, Donald S			Y		45
11772222	Islet yield remains a problem in islet autotransplantation.	2002	Archives Of Surgery (Chicago, Ill. : 1960)	Morrison, Charles P; Wemys-Holden, Simon A; Dennis, Ashley R; Maddern, Guy J			Y		35
11812715	The efficacy and safety of three concentrations of levobupivacaine administered as a continuous epidural infusion in patients undergoing orthopedic surgery.	2002	Anesthesia And Analgesia	Murdoch, John A C; Dickson, Ursula K; Wilson, Paul A; Berman, Jonathan S; Gad-Elrab, Rita R; Scott, Nicholas B					44
11812713	Peripheral amitriptyline suppresses formalin-induced Fos expression in the rat spinal cord.	2002	Anesthesia And Analgesia	Heughan, Caroline E; Allen, Gary V; Chase, Teena D; Sawynok, Jana					22
11812696	Small-dose selective spinal anesthesia for short-duration outpatient laparoscopy: recovery characteristics compared with desflurane anesthesia.	2002	Anesthesia And Analgesia	Lennox, Pamela H; Vaghadia, Himat; Henderson, Cynthia; Martin, Lynn; Mitchell, G W E			Y		38

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11812684	Thoracic epidural anesthesia for cardiac surgery: the effects on tracheal intubation time and length of hospital stay.	2002	Anesthesia And Analgesia	Priestley, Mark C; Cope, Louise; Halliwell, Richard; Gibson, Peter; Chard, Richard B; Skinner, Michael; Klineberg, Peter L					118
11812404	Neurologic complications including paralysis after a medication error involving implanted intrathecal catheters.	2002	The American Journal Of Medicine	Jones, Timothy F; Feier, Claudio A; Simmons, Bryan P; Melton, Kelley; Craig, Allen S; Moore, William L; Smith, Mark D; Schaffner, William			Y		39
11801837	Recommendations for end-of-life care in the intensive care unit: The Ethics Committee of the Society of Critical Care Medicine.	2001	Critical Care Medicine	Truog, R D; Cist, A F; Brackett, S E; Burns, J P; Curley, M A; Danis, M; DeVita, M A; Rosenbaum, S H; Rothenberg, D M; Sprung, C L; Webb, S A; Wlody, G S; Hurford, W E Swica, Yael; Breitbart, William					384
11788537	Treating pain in patients with AIDS and a history of substance use.	2002	The Western Journal Of Medicine				Y		9
11787419	Pain management for dying patients. How to assess needs and provide pharmacologic relief.	2001	Postgraduate Medicine	Abrahm, J			Y		7
11786826	Achieving a predictable 24-hour return to normal activities after breast augmentation: part I. Refining practices by using motion and time study principles.	2002	Plastic And Reconstructive Surgery	Tebbetts, John B			Y		69
11780176	Subarachnoid sufentanil for early postoperative pain management in orthopedic patients: more disadvantages than benefits?	2001	Anesthesiology	Gebhard, R E; Fanelli, G; Matuszcak, M; Doehn, M			Y		0
11772831	Transient neurological symptoms after subarachnoid meperidine.	2002	Anesthesia And Analgesia	Lewis, Wilfred R; Perrino, Albert C Jr			Y		14
11772825	Colostrum morphine concentrations during postcesarean intravenous patient-controlled analgesia.	2002	Anesthesia And Analgesia	Baka, Nour-Eddine; Bayoumeu, Francoise; Boutroy, Marie-Jeanne; Laxenaire, Marie-Claire					48
11772824	Ropivacaine 0.075% and bupivacaine 0.075% with fentanyl 2 microg/mL are equivalent for labor epidural analgesia.	2002	Anesthesia And Analgesia	Owen, Medge D; Thomas, John A; Smith, Trevor; Harris, Lynn C; D'Angelo, Robert			Y		Not found on Microsoft Academic
11772815	Postoperative analgesia: economics, resource use, and patient satisfaction in an urban teaching hospital.	2002	Anesthesia And Analgesia	Strassels, Scott A; Chen, Connie; Carr, Daniel B					151
11772809	The clinical efficacy and pharmacokinetics of intraperitoneal ropivacaine for laparoscopic cholecystectomy.	2002	Anesthesia And Analgesia	Labaille, Thierry; Mazoit, Jean Xavier; Paqueron, Xavier; Franco, Dominique; Benhamou, Daniel					89
11772802	Ambulatory discharge after long-acting peripheral nerve blockade: 2382 blocks with ropivacaine.	2002	Anesthesia And Analgesia	Klein, Stephen M; Nielsen, Karen C; Greengrass, Roy A; Warner, David S; Martin, Aliki; Steele, Susan M			Y		133
11772800	The preemptive analgesic effect of rofecoxib after ambulatory arthroscopic knee surgery.	2002	Anesthesia And Analgesia	Reuben, Scott S; Bhopatkar, Shailesh; Maciolek, Holly; Joshi, Wanda; Sklar, Joseph			Y		149
11772799	Cisapride does not prevent postoperative vomiting in children.	2002	Anesthesia And Analgesia	Cook-Sather, Scott D; Harris, Kathleen A; Schreiner, Mark S			Y		6
11772793	The effects of three different analgesia techniques on long-term postthoracotomy pain.	2002	Anesthesia And Analgesia	Senturk, Mert; Ozcan, Perihan Ergin; Talu, Gul Koknel; Kiyani, Esen; Camci, Emre; Ozylcin, Suleyman; Dilge, Sukru; Pembeci, Kamil			Y		311
11771920	Use of propofol sedation in a pediatric emergency department: a prospective study.	2001	Clinical Pediatrics	Skokan, E G; Pribble, C; Bassett, K E; Nelson, D S			Y		64
11768686	Chronic pain management and the surgeon: barriers and opportunities.	2001	Journal Of The American College Of Surgeons	Lee, K F; Ray, J B; Dunn, G P			Y		6
11766559	Herpetic neuralgia. Use of combination therapy for pain relief in acute and chronic herpes zoster.	2001	Geriatrics	Bajwa, Z H; Ho, C C			Y		33
11755894	Alvimopan* (ADL 8-2698) is a novel peripheral opioid antagonist.	2001	American Journal Of Surgery	Schmidt, W K			Y		134
11755893	A review of the potential role of methylnaltrexone in opioid bowel dysfunction.	2001	American Journal Of Surgery	Foss, J F			Y		111
11755892	Incidence, prevalence, and management of opioid bowel dysfunction.	2001	American Journal Of Surgery	Pappagallo, M					397
11755891	Review of postoperative ileus.	2001	American Journal Of Surgery	Kehlet, H; Holte, K			Y		273
11755890	Can we minimize the effects of opioids on the bowel and still achieve adequate pain control?	2001	American Journal Of Surgery	Wilmore, D W			Y		12
11753984	A safe and effective method for converting cancer patients from intravenous to transdermal fentanyl.	2001	Cancer	Kornick, C A; Santiago-Palma, J; Khojainova, N; Primavera, L H; Payne, R; Manfredi, P L					35
11752996	Postoperative titration of intravenous morphine in the elderly patient.	2002	Anesthesiology	Aubrun, Frederic; Monsel, Stephanie; Langeron, Olivier; Coriat, Pierre; Riou, Bruno					117
11752993	Anesthesiology and geriatric medicine: mutual needs and opportunities.	2002	Anesthesiology	Rooke, G Alec; Reves, J Gerald; Rosow, Carl			Y		25
11732938	Pain management in frail, community-living elderly patients.	2001	Archives Of Internal Medicine	Landi, F; Onder, G; Cesari, M; Gambassi, G; Steel, K; Russo, A; Lattanzio, F; Bernabei, R					133
11748405	Morphine-induced spinal release of adenosine is reduced in neuropathic rats.	2001	Anesthesiology	Sandner-Kiesling, A; Li, X; Eisenach, J C					34
11748402	Cervicomедullary intrathecal injection of morphine produces antinociception in the orofacial formalin test in the rat.	2001	Anesthesiology	Grabow, T S; Dougherty, P M					17

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11745266	Intravenous methadone in the management of chronic cancer pain: safe and effective starting doses when substituting methadone for fentanyl.	2001	Cancer	Santiago-Palma, J; Khojainova, N; Kornick, C; Fischberg, D J; Primavera, L H; Payne, R; Manfredi, P			36
11743271	Clipless laparoscopic adrenalectomy with needlescopic instruments.	2002	The Journal Of Urology	Chueh, Shih-Chieh; Chen, Jun; Chen, Shyh-Chyan; Liao, Chun-Hou; Lai, Ming-Kuen			26
11736779	Adenotonsillectomy in children: a comparison of morphine and fentanyl for peri-operative analgesia.	2001	Anaesthesia	Mukherjee, K; Esuvaranathan, V; Streets, C; Johnson, A; Carr, A S	Y		36
11736778	Comparison of continuous epidural infusion of ropivacaine and sufentanil with intravenous patient-controlled analgesia after total hip replacement.	2001	Anaesthesia	Kampe, S; Randebrock, G; Kiencke, P; Hunseler, U; Cranfield, K; Konig, D P; Diefenbach, C	Y		42
11733435	Diagnosis and treatment of opiate-resistant pain in advanced AIDS.	2001	The Western Journal Of Medicine	McCormick, W C; Schreiner, R L			6
11726465	Analgesic efficacy of tramadol if coadministered with ondansetron.	2001	Anesthesia And Analgesia	Stamer, U M; Stuber, F	Y		8
11726464	Acetaminophen analgesia in infants.	2001	Anesthesia And Analgesia	Anderson, B	Y		6
11726450	Patient-controlled epidural analgesia after abdominal surgery: ropivacaine versus bupivacaine.	2001	Anesthesia And Analgesia	Pouzeratte, Y; Delay, J M; Brunat, G; Boccarda, G; Vergne, C; Jaber, S; Fabre, J M; Colson, P; Mann, C	Y		38
11726444	Neostigmine combined with bupivacaine, clonidine, and sufentanil for spinal labor analgesia.	2001	Anesthesia And Analgesia	D'Angelo, R; Dean, L S; Meister, G C; Nelson, K E	Y		37
11726430	The involvement of the mu-opioid receptor in ketamine-induced respiratory depression and antinociception.	2001	Anesthesia And Analgesia	Sarton, E; Teppema, L J; Olievier, C; Nieuwenhuuis, D; Matthes, H W; Kieffer, B L; Dahan, A			Not found on Microsoft Academic
11726429	The recovery of cognitive function after general anesthesia in elderly patients: a comparison of desflurane and sevoflurane.	2001	Anesthesia And Analgesia	Chen, X; Zhao, M; White, P F; Li, S; Tang, J; Wender, R H; Sloninsky, A; Naruse, R; Kariger, R; Webb, T; Norel, E			105
11726411	A randomized multicenter study of remifentanil compared with halothane in neonates and infants undergoing pyloromyotomy. I. Emergence and recovery profiles.	2001	Anesthesia And Analgesia	Davis, P J; Galinkin, J; McGowan, F X; Lynn, A M; Yaster, M; Rabbs, M F; Krane, E J; Kurth, C D; Blum, R H; Maxwell, L; Orr, R; Szmuk, P; Hechtmann, D; Edwards, S; Henson, L G			75
11719751	Treatment of anticholinergic-induced ileus with neostigmine.	2001	Annals Of Emergency Medicine	Isbister, G K; Oakley, P; Whyte, I; Dawson, A	Y		11
11718118	The undertreatment of pain.	2001	The American Journal Of Nursing	Pasero, C; McCaffery, M	Y		36
11718106	Appropriate pain control.	2001	The American Journal Of Nursing	McCaffery, M; Pasero, C	Y		4
11716387	Pain control after knee arthroplasty: intraarticular versus epidural anaesthesia.	2001	Clinical Orthopaedics And Related Research	DeWeese, F T; Akbari, Z; Carline, E	Y		68
11694150	Purified poloxamer 188 for treatment of acute vaso-occlusive crisis of sickle cell disease: A randomized controlled trial.	2001	JAMA	Orringer, E P; Casella, J F; Ataga, K I; Koshy, M; Adams-Graves, P; Luchtman-Jones, L; Wun, T; Watanabe, M; Shafer, F; Kutlar, A; Abboud, M; Steinberg, M; Adler, B; Swerdlow, P; Terregino, C; Saccette, S; Files, B; Ballas, S; Brown, R; Wojtowicz-Praga, S; Grindel, J M			132
11710814	Guide to conservative, medical, and procedural therapies.	2001	Geriatrics	Cohen, R I; Chopra, P; Upshur, C	Y		10
11706909	Ibuprofen versus acetaminophen with codeine for the relief of perineal pain after childbirth: a randomized controlled trial.	2001	CMAJ : Canadian Medical Association Journal (Journal De L'Association Medcale Canadienne)	Peter, E A; Janssen, P A; Grange, C S; Douglas, M J			70
11703246	Patient-controlled pethidine after major upper abdominal surgery: comparison of the epidural and intravenous routes.	2001	Anaesthesia	Chen, P P; Cheam, E W; Ma, M; Lam, K K; Ngan Kee, W D; Gin, T	Y		10
11703237	Myocardial ischaemia in normal patients undergoing elective Caesarean section: a peripartum assessment.	2001	Anaesthesia	Moran, C; Ni Bhuiinneain, M; Geary, M; Cunningham, S; McKenna, P; Gardiner, J	Y		31
11700472	Pain treatment in the perioperative period.	2001	Current Problems In Surgery	Swarm, R A; Karanikolas, M; Kalauakalani, D	Y		28
11698834	Oral premedication for operations on the face under local anaesthesia: a placebo-controlled double-blind trial.	2001	Plastic And Reconstructive Surgery	Beer, G M; Spicher, I; Seifert, B; Emanuel, B; Komptschter, P; Meyer, V E	Y		28
11696730	Intraretal lidocaine during transrectal prostate biopsy: results of a prospective double-blind randomized trial.	2001	The Journal Of Urology	Chang, S S; Alberts, G; Wells, N; Smith, J A Jr; Cookson, M S			63
11587610	Ropivacaine with or without clonidine improves pediatric tonsillectomy pain.	2001	Archives Of Otolaryngology-Head & Neck Surgery	Giannoni, C; White, S; Enneking, F K; Morey, T	Y		79
11684971	Double-masked randomized trial comparing alternate combinations of intraoperative anesthesia and postoperative analgesia in abdominal aortic surgery.	2001	Anesthesiology	Norris, E J; Beattie, C; Perler, B A; Martinez, E A; Meinert, C L; Anderson, G F; Grass, J A; Sakima, N T; Gorman, R; Achuff, S C; Martin, B K; Minkin, S L; Williams, G M; Traystman, R J	Y		196
11682424	Epinephrine does not prolong the analgesia of 20 mL ropivacaine 0.5% or 0.2% in a femoral three-in-one block.	2001	Anesthesia And Analgesia	Weber, A; Fournier, R; Van Gessel, E; Riand, N; Gamulin, Z	Y		48
11682423	Preoperative epidural ketamine in combination with morphine does not have a clinically relevant intra- and postoperative opioid-sparing effect.	2001	Anesthesia And Analgesia	Subramaniam, B; Subramaniam, K; Pawar, D K; Sennaraj, B	Y		35
11680455	Is the placebo powerless?	2001	The New England Journal Of Medicine	Kaptchuk, T J	Y		31
11679596	Retrospective review of eighteen patients who underwent transtibial amputation for intractable pain.	2001	The Journal Of Bone And Joint Surgery. American Volume	Honkamp, N; Amendola, A; Hurwitz, S; Saltzman, C L	Y		10

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11674896	Do patients prefer transdermal fentanyl or sustained-release oral morphine for treatment of chronic non-cancer pain?	2001	The Journal Of Family Practice	Heidemann, A J; Seaton, T L		Y		0
11641858	Osteoarthritis. How to manage pain and improve patient function.	2001	Geriatrics	McCarberg, B H; Herr, K A		Y	22	
11641687	A randomized trial of labor analgesia in women with pregnancy-induced hypertension.	2001	American Journal Of Obstetrics And Gynecology	Lucas, M J; Sharma, S K; McIntire, D D; Wiley, J; Sidawi, J E; Ramin, S M; Leveno, K J; Cunningham, F G		Y	52	
11605924	Effect of epidural analgesia with ambulation on labor duration.	2001	Anesthesiology	Vallejo, M C; Firestone, L L; Mandell, G L; Jaime, F; Makishima, S; Ramanathan, S		Y	48	
11605920	Effect of direct fetal opioid analgesia on fetal hormonal and hemodynamic stress response to intrauterine needling.	2001	Anesthesiology	Fisk, N M; Gitau, R; Teixeira, J M; Giannakoulopoulos, X; Cameron, A D; Glover, V A				127
11605918	Fetuses, fentanyl, and the stress response: signals from the beginnings of pain?	2001	Anesthesiology	Anand, K J; Maze, M				23
11601956	Quality indicators for pain management in vulnerable elders.	2001	Annals Of Internal Medicine	Chodosh, J; Ferrell, B A; Shekelle, P G; Wenger, N S				41
11601805	Challenges in pain management at the end of life.	2001	American Family Physician	Miller, K E; Miller, M M; Jolley, M R		Y		12
11601802	Interstitial cystitis: urgency and frequency syndrome.	2001	American Family Physician	Metts, J F		Y		72
11601799	Managing pain at the end of life.	2001	American Family Physician	Douglass, A B		Y		8
11600586	Skeletal muscle PGF(2)(alpha) and PGE(2) in response to eccentric resistance exercise: influence of ibuprofen acetaminophen.	2001	The Journal Of Clinical Endocrinology And Metabolism	Trappe, T A; Fluckey, J D; White, F; Lambert, C P; Evans, W J				Not found on Microsoft Academic
11597704	Medical use of opioids in Bangladesh.	2001	Lancet (London, England)	Misbahuddin, M; Hossain, M S; Iqbal, K M; Haque, M Z		Y		2
11586213	Correlation of beta-endorphin and prostaglandin E2 levels in prostatic fluid of patients with chronic prostatitis with diagnosis and treatment response.	2001	The Journal Of Urology	Shahed, A R; Shoskes, D A				Not found on Microsoft Academic
11586195	Ureteral stenting after ureteroscopy for distal ureteral calculi: a multi-institutional prospective randomized controlled study assessing pain, outcomes and complications.	2001	The Journal Of Urology	Borboroglu, P G; Amling, C L; Schenkman, N S; Monga, M; Ward, J F; Piper, N Y; Bishoff, J T; Kane, C J				114
11586173	Pain relief in major trauma patients: an Israeli perspective.	2001	The Journal Of Trauma	Zohar, Z; Eitan, A; Halperin, P; Stolero, J; Hadid, S; Shemer, J; Zveibl, F R				38
11581580	Oxycodone and oxycontin.	2001	The Medical Letter On Drugs And Therapeutics			Y		Not found on Microsoft Academic
11581460	Bladder retention of urine as a result of continuous intravenous infusion of fentanyl: 2 case reports.	2001	Pediatrics	Das, U G; Sasidharan, P		Y		15
11578023	Management of common symptoms in terminally ill patients: Part II. Constipation, delirium and dyspnea.	2001	American Family Physician	Ross, D D; Alexander, C S				38
11576138	A national survey of epidural practice.	2001	Anesthesia	Bannon, L; Alexander-Williams, M; Lutman, D		Y		3
11575284	Selective postoperative inhibition of gastrointestinal opioid receptors.	2001	The New England Journal Of Medicine	Taguchi, A; Sharma, N; Saleem, R M; Sessler, D I; Carpenter, R L; Seyedsadr, M; Kurz, A				282
11574378	The long-term antinociceptive effect of intrathecal S(+)-ketamine in a patient with established morphine tolerance.	2001	Anesthesia And Analgesia	Sator-Katzenschlager, S; Deusch, E; Maier, P; Spacek, A; Kress, H G		Y		37
11574376	The synergistic antinociceptive interactions of endomorphin-1 and dexametomidine and/or S(+)-ketamine in rats.	2001	Anesthesia And Analgesia	Horvath, G; Joo, G; Dobos, I; Klimscha, W; Toth, G; Benedek, G				43
11574374	Intrathecal morphine for postpartum tubal ligation postoperative analgesia.	2001	Anesthesia And Analgesia	Campbell, D C; Riben, C M; Rooney, M E; Crone, L A; Yip, R W				23
11574373	The influence of a bupivacaine and fentanyl epidural infusion after epidural fentanyl in patients allowed to ambulate in early labor.	2001	Anesthesia And Analgesia	Connelly, N R; Parker, R K; Lucas, T; El-Mansouri, M; Komanduri, V; Nayak, P; Gutta, S; Gibson, C; Dunn, S M		Y		13
11574372	Levobupivacaine combined with sufentanil and epinephrine for intrathecal labor analgesia: a comparison with racemic bupivacaine.	2001	Anesthesia And Analgesia	Vercauteren, M P; Hans, G; De Decker, K; Adriaensen, H A		Y		53
11574370	Epidural labor analgesia and neonatal sepsis evaluation rate: a quality improvement study.	2001	Anesthesia And Analgesia	Kaul, B; Vallejo, M; Ramanathan, S; Mandell, G		Y		41
11574346	A comparison of fentanyl, sufentanil, and remifentanil for fast-track cardiac anesthesia.	2001	Anesthesia And Analgesia	Engoren, M; Luther, G; Fenn-Buderer, N		Y		73
11573488	Opioids in chronic non-malignant pain. Don't forget methadone for chronic pain.	2001	BMJ (Clinical Research Ed.)	Byrne, A		Y		1
11573487	Opioids in chronic non-malignant pain. Chronic pain should not be underreated.	2001	BMJ (Clinical Research Ed.)	Lawhern, R A		Y		0
11573486	Opioids in chronic non-malignant pain. Opioids can cause addiction even in patients with pain.	2001	BMJ (Clinical Research Ed.)	Milledge, J S		Y		0
11573049	Effect of epidural anesthesia and analgesia on perioperative outcome: a randomized, controlled Veterans Affairs cooperative study.	2001	Annals Of Surgery	Park, W Y; Thompson, J S; Lee, K K		Y		339
11556863	Radiofrequency tissue volume reduction: multilection vs single-lesion treatments for snoring.	2001	Archives Of Otolaryngology–Head & Neck Surgery	Ferguson, M; Smith, T L; Zanation, A M; Yarbrough, W G		Y		16
11549190	Pain management. Medication update.	2001	Southern Medical Journal	Slagle, M A		Y		0
11549189	Pharmacologic management of acute and chronic pain: focus on drug interactions and patient-specific pharmacotherapeutic selection.	2001	Southern Medical Journal	Barkin, R L; Barkin, D		Y		42

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11531889	Randomized clinical trial of local bupivacaine perfusion versus parenteral morphine infusion for pain relief after laparotomy (Br J Surg 2001; 88: 357-9). Letter 1.	2001	The British Journal Of Surgery	Birchley, D			Y	0
11531886	Randomized clinical trial of local bupivacaine perfusion versus parenteral morphine infusion for pain relief after laparotomy (Br J Surg 2001; 88: 357-9). Letter 2.	2001	The British Journal Of Surgery	Sparkes, D; Baylis, R			Y	1
11527837	Use of Neo-melubrina, a banned antipyretic drug, in San Diego, California: a survey of patients and providers.	2001	The Western Journal Of Medicine	Taylor, L; Abarca, S; Henry, B; Friedman, L				8
11526558	The use of intra-articular opioids and bupivacaine for analgesia following temporomandibular joint arthroscopy: a prospective, randomized trial.	2001	Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Furst, I M; Krysztafskyj, B; Weinberg, S			Y	18
11524353	A systematic review of the peripheral analgesic effects of intraarticular morphine.	2001	Anesthesia And Analgesia	Gupta, A; Bodin, L; Holmstrom, B; Berggren, L			Y	154
11524327	Intraoperative small-dose ketamine enhances analgesia after outpatient knee arthroscopy.	2001	Anesthesia And Analgesia	Menigaux, C; Guignard, B; Fletcher, D; Sessler, D I; Dupont, X; Chauvin, M				127
11524326	Interscalene brachial plexus block with continuous intraarticular infusion of ropivacaine.	2001	Anesthesia And Analgesia	Klein, S M; Nielsen, K C; Martin, A; White, W; Warner, D S; Steele, S M; Speer, K P; Greengrass, R A				69
11524325	The effect of preoperative epidural morphine on postoperative analgesia in children.	2001	Anesthesia And Analgesia	Kiffer, F; Joly, A; Wodey, E; Carre, P; Ecoffey, C				14
11513904	Dealing with the pain of renal colic.	2001	Lancet (London, England)	Zabih, N; Teichman, J M			Y	16
11506140	Improved, but not preemptive, analgesia.	2001	Anesthesiology	Daley, M D; Norman, P H			Y	4
11506139	Preemptive analgesia by intravenous low-dose ketamine and epidural morphine.	2001	Anesthesiology	McCulloch, T J			Y	0
11506138	When is preemptive analgesia truly preemptive?	2001	Anesthesiology	Sarantopoulos, C D; Fassoulaki, A			Y	1
11506132	Intravenous clonidine use in a neonate experiencing opioid-induced myoclonus.	2001	Anesthesiology	McClain, B C; Probst, L A; Pinter, E; Hartmannsgruber, M			Y	12
11506129	Spinal endogenous acetylcholine contributes to the analgesic effect of systemic morphine in rats.	2001	Anesthesiology	Chen, S R; Pan, H L			Y	80
11506126	Opioid peptide-expressing leukocytes: identification, recruitment, and simultaneously increasing inhibition of inflammatory pain.	2001	Anesthesiology	Rittner, H L; Brack, A; Machelska, H; Mousa, S A; Bauer, M; Schafer, M; Stein, C				171
11506112	A new model of electrically evoked pain and hyperalgesia in human skin: the effects of intravenous alfentanil, S(+)-ketamine, and lidocaine.	2001	Anesthesiology	Koppert, W; Dern, S K; Sittl, R; Albrecht, S; Schutte, J; Schmelz, M				163
11506111	Local administration of morphine for analgesia after iliac bone graft harvest.	2001	Anesthesiology	Reuben, S S; Vieira, P; Faruqi, S; Verghis, A; Kilari, P A; Macolek, H			Y	Not found on Microsoft Academic
11506105	Preoperative intradermal acupuncture reduces postoperative pain, nausea and vomiting, analgesic requirement, and sympathoadrenal responses.	2001	Anesthesiology	Kotani, N; Hashimoto, H; Sato, Y; Sessler, D I; Yoshioka, H; Kitayama, M; Yasuda, T; Matsuki, A				208
11496869	"Invisible" synthetic opiates and acute psychosis.	2001	The New England Journal Of Medicine	Camacho, A; Matthews, S C; Dimsdale, J E			Y	5
11494196	Thoracic disk herniation presenting as abdominal and pelvic pain: a case report.	2001	Archives Of Physical Medicine And Rehabilitation	Xiong, Y; Lachmann, E; Marini, S; Nagler, W			Y	20
11493236	A mixture of alfentanil and morphine for rapid postoperative loading with opioid: theoretical basis and initial clinical investigation.	2001	Anaesthesia	Ludbrook, G L; Macintyre, P E; Douglas, H; Ong, L; Upton, R N				8
11483912	A randomized controlled trial of fentanyl for abortion pain.	2001	American Journal Of Obstetrics And Gynecology	Rawling, M J; Wiebe, E R			Y	47
11448293	Establishing a standard of speed for assessing the efficacy of the serotonin(1B/1D) agonists (triptans).	2001	Archives Of Neurology	Marcus, D A			Y	Not found on Microsoft Academic
11473888	A randomized controlled trial on local anesthetics in the wound: what do the numbers mean?	2001	Anesthesia And Analgesia	Schwarz, S K			Y	1
11473884	The analgesic efficacy of patient-controlled bupivacaine wound instillation after total abdominal hysterectomy with bilateral salpingo-oophorectomy.	2001	Anesthesia And Analgesia	Zohar, E; Friedman, B; Phillipov, A; Jedeikin, R; Shapiro, A			Y	70
11473882	More epidural than intravenous sufentanil is required to provide comparable postoperative pain relief.	2001	Anesthesia And Analgesia	Menigaux, C; Guignard, B; Fletcher, D; Sessler, D I; Levron, J C; Chauvin, M				23
11473871	The effect of intrathecal analgesia on the success of external cephalic version.	2001	Anesthesia And Analgesia	Birnbach, D J; Matut, J; Stein, D J; Campagnuolo, J; Drimbarean, C; Grunebaum, A; Kuroda, M M; Thys, D M			Y	22
11473862	Clonidine suppresses plasma and cerebrospinal fluid concentrations of TNF-alpha during the perioperative period.	2001	Anesthesia And Analgesia	Nader, N D; Ignatowski, T A; Kurek, C J; Knight, P R; Spengler, R N				Not found on Microsoft Academic
11473852	A comparison of mididose lidocaine-fentanyl spinal anesthesia and local anesthesia/propofol infusion for outpatient knee arthroscopy.	2001	Anesthesia And Analgesia	Ben-David, B; DeMeo, P J; Lucyk, C; Solosko, D			Y	75
11465710	A randomized, double-blind, crossover clinical trial of diclofenac plus misoprostol versus acetaminophen in patients with osteoarthritis of the hip or knee.	2001	Arthritis And Rheumatism	Pincus, T; Koch, G G; Sokka, T; Lefkowitz, J; Wolfe, F; Jordan, J M; Luta, G; Callahan, L F; Wang, X; Schwartz, T; Abramson, S B; Caldwell, J R; Harrell, R A; Kremer, J M; Lautzenheiser, R L; Markenson, J A; Schnitzer, T J; Weaver, A; Cummings, P; Wilson, A; Morant, S; Fort, J				215
11465609	Intraventricular administration of morphine and clonidine.	2001	Anesthesiology	Leong, M S; Calabrese, J F; Heit, G				5

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11465600	An obligatory role for spinal cholinergic neurons in the antiallodynic effects of clonidine after peripheral nerve injury.	2001		Anesthesiology	Paqueron, X; Li, X; Bantel, C; Tobin, J R; Voytko, M L; Eisenach, J C				19
11465599	Attenuation of the tumor-promoting effect of surgery by spinal blockade in rats.	2001		Anesthesiology	Bar-Yosef, S; Melamed, R; Page, G G; Shakhar, G; Shakhar, K; Ben-Eliyahu, S				201
11465595	Analgesic and antiinflammatory effects of two novel kappa-opioid peptides.	2001		Anesthesiology	Binder, W; Machelska, H; Mousa, S; Schmitt, T; Riviere, P J; Junien, J L; Stein, C; Schafer, M				Not found on Microsoft Academic
11465562	Comparison of five experimental pain tests to measure analgesic effects of alfentanil.	2001		Anesthesiology	Luginbuhl, M; Schnider, T W; Petersen-Felix, S; Arendt-Nielsen, L; Zbinden, A M		Y		42
11463435	Medical use, misuse, and diversion of opioids in India.	2001		Lancet (London, England)	Rajagopal, M R; Joranson, D E; Gilson, A M				Not found on Microsoft Academic
11454372	Effect of low-dose mobile versus traditional epidural techniques on mode of delivery: a randomised controlled trial.	2001		Lancet (London, England)					187
11452248	Analgesic efficacy of rectal versus oral acetaminophen in children after major craniofacial surgery.	2001		Clinical Pharmacology And Therapeutics	van der Marel, C D; van Lingen, R A; Pluim, M A; Scoones, G; van Dijk, M; Vaandrager, J M; Tibboel, D		Y		55
11452246	Analgesic effects of peripherally administered opioids in clinical models of acute and chronic inflammation.	2001		Clinical Pharmacology And Therapeutics	Dionne, R A; Lepinski, A M; Gordon, S M; Jaber, L; Brahim, J S; Hargreaves, K M		Y		83
11441391	Complex regional pain syndrome (type I) after electrical injury: a case report of treatment with continuous epidural block.	2001		Archives Of Physical Medicine And Rehabilitation	Kim, C T; Bryant, P		Y		9
11440935	Are cannabinoids an effective and safe treatment option in the management of pain? A qualitative systematic review.	2001		BMJ (Clinical Research Ed.)	Campbell, F A; Tramer, M R; Carroll, D; Reynolds, D J; Moore, R A; McQuay, H J	Weinbroum, A A; Lalayev, G; Yashar, T; Ben-Abraham, R; Niv, D; Flaiszon, R			333
11437760	Combined pre-incisional oral dextromethorphan and epidural lidocaine for postoperative pain reduction and morphine sparing: a randomised double-blind study on day-surgery patients.	2001		Anaesthesia			Y		26
11435893	Involvement of hypogastric and pelvic nerves for conveying cystitis induced nociception in conscious rats.	2001		The Journal Of Urology	Meen, M; Coudore-Civiale, M A; Eschalier, A; Boucher, M				14
11430455	Methadone therapy for opioid dependence.	2001		American Family Physician	Krambeer, L L; von McKnelly, W Jr; Gabrielli, W F Jr; Penick, E C		Y		15
11429376	Esmolol is not an alternative to remifentanil for fast-track outpatient gynecologic laparoscopic surgery.	2001		Anesthesia And Analgesia	Hubler, M; Litz, R J; Albrecht, D M		Y		0
11429368	The reversal of fentanyl-induced tolerance by administration of "small-dose" ketamine.	2001		Anesthesia And Analgesia	Eilers, H; Philip, L A; Bickler, P E; McKay, W R; Schumacher, M A		Y		33
11429366	Opioid-induced hyperalgesia and incisional pain.	2001		Anesthesia And Analgesia	Li, X; Angst, M S; Clark, J D		Y		109
11429365	The antinociceptive effect of the combination of spinal morphine with systemic morphine or buprenorphine.	2001		Anesthesia And Analgesia	Nemirovsky, A; Chen, L; Zelman, V; Jurna, I				56
11429364	Amantadine, a N-methyl-D-aspartate receptor antagonist, does not enhance postoperative analgesia in women undergoing abdominal hysterectomy.	2001		Anesthesia And Analgesia	Gottschalk, A; Schroeder, F; Ufer, M; Oncu, A; Buerkle, H; Standl, T		Y		26
11429358	Nalbuphine versus propofol for treatment of intrathecal morphine-induced pruritus after cesarean delivery.	2001		Anesthesia And Analgesia	Charuluxanan, S; Kyokong, O; Somboonviboon, W; Lertmaharat, S; Ngamprasertwong, P; Nimcharoendee, K				50
11429352	Understanding the mechanisms by which isoflurane modifies the hyperglycemic response to surgery.	2001		Anesthesia And Analgesia	Lattermann, R; Schriener, T; Wachter, U; Georgieff, M; Goertz, A		Y		53
11429351	Adding ketamine to morphine for patient-controlled analgesia after major abdominal surgery: a double-blinded, randomized controlled trial.	2001		Anesthesia And Analgesia	Reeves, M; Lindholm, D E; Myles, P S; Fletcher, H; Hunt, J O				98
11429345	The incidence of emergence agitation associated with desflurane anesthesia in children is reduced by fentanyl.	2001		Anesthesia And Analgesia	Cohen, I T; Hannallah, R S; Hummer, K A				98
11426014	Arthritis therapy: a better time, a better day.	2001		Rheumatology (Oxford, England)	Roth, S H		Y		10
11425407	Endogenous opioids, placebo response, and pain.	2001		Lancet (London, England)	Rowbotham, D J		Y		20
11421525	Isolated sural neuropathy presenting as lateral ankle pain.	2001		American Journal Of Physical Medicine & Rehabilitation	Refaelian, M; King, J C; Dumitru, D		Y		20
11418165	Controlling phantom limb pain in Sierra Leone.	2001		Lancet (London, England)	Broughton, M		Y		1
11418139	The persistent problem with pain.	2001		Lancet (London, England)			Y		5
11410130	Endoscopic transnasal neurolytic sphenopalatine ganglion block for head and neck cancer pain.	2001		The Journal Of Laryngology And Otology	Varghese, B T; Koshy, R C		Y		41
11409404	Nasal diamorphine in children with clinical fractures. Patients should be told what to do when analgesia wears off.	2001		BMJ (Clinical Research Ed.)	Eva, G		Y		13
11412203	High-dose intrathecal diamorphine for analgesia after Caesarean section.	2001		Anaesthesia	Dresner, M		Y		15
11412157	Minimum local analgesic dose of plain ropivacaine vs. ropivacaine combined with sufentanil during epidural analgesia for labour.	2001		Anaesthesia	Palm, S; Gertzen, W; Ledowski, T; Gleim, M; Wulf, H		Y		26
11412156	Analgesic efficacy and safety of nefopam vs. propacetamol following hepatic resection.	2001		Anaesthesia	Mimoz, O; Incagnoli, P; Josse, C; Gillon, M C; Kuhlman, L; Mirand, A; Soilleux, H; Fletcher, D		Y		100
11381378	Assessment of recovery in patients undergoing intravenous conscious sedation using bispectral analysis.	2001		Journal Of Oral And Maxillofacial Surgery : Official Journal Of The American Association Of Oral And Maxillofacial Surgeons	Sandler, N A; Hodges, J; Sabino, M		Y		63
11388543	Current issues in spinal anesthesia.	2001		Anesthesiology	Liu, S S; McDonald, S B				Not found on Microsoft Academic

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11388522	Minimum analgesic dose of epidural sufentanil for first-stage labor analgesia: a comparison between spontaneous and prostaglandin-induced labors in nulliparous women.	2001	Anesthesiology	Capogna, G; Parpaglioni, R; Lyons, G; Columb, M; Celleno, D					30
11388521	Dose-dependent regional cerebral blood flow changes during remifentanil infusion in humans: a positron emission tomography study.	2001	Anesthesiology	Wagner, K J; Willoch, F; Kochs, E F; Siessmeier, T; Tolle, T R; Schwaiger, M; Bartenstein, P					96
11384913	Tramadol dependence with no history of substance abuse.	2001	The American Journal Of Psychiatry	Yates, W R; Nguyen, M H; Warnock, J K		Y			27
11381016	Myth: codeine is a powerful and effective analgesic.	2001	The Western Journal Of Medicine	Arora, S; Herbert, M E		Y			7
11379688	Amitriptyline versus bupivacaine in rat sciatic nerve blockade.	2001	Anesthesiology	Gerner, P; Mujtaba, M; Sinnott, C J; Wang, G K		Y			84
11379679	Preemptive analgesic effects of ketorolac in ankle fracture surgery.	2001	Anesthesiology	Norman, P H; Daley, M D; Lindsey, R W					53
11379678	Minimum local analgesic dose of intrathecal bupivacaine in labor and the effect of intrathecal fentanyl.	2001	Anesthesiology	Stocks, G M; Hallworth, S P; Fernando, R; England, A J; Columb, M O; Lyons, G					64
11375848	Propacetamol versus ketorolac for treatment of acute postoperative pain after total hip or knee replacement.	2001	Anesthesia And Analgesia	Zhou, T J; Tang, J; White, P F					96
11375847	Modulations of spinal serotonin activity affect the development of morphine tolerance.	2001	Anesthesia And Analgesia	Li, J Y; Wong, C H; Huang, E Y; Lin, Y C; Chen, Y L; Tan, P P; Chen, J C					29
11375845	Continuous thoracic epidural anesthesia with 0.2% ropivacaine versus general anesthesia for perioperative management of modified radical mastectomy.	2001	Anesthesia And Analgesia	Doss, N W; Ipe, J; Crimi, T; Rajpal, S; Cohen, S; Fogler, R J; Michael, R; Gintautas, J		Y			37
11375843	Tramadol, an alternative to morphine for treating posttraumatic pain in the prehospital situation.	2001	Anesthesia And Analgesia	Vergnion, M; Degesves, S; Garret, L; Magotteaux, V		Y			47
11375842	Prevention of postoperative pain after thyroid surgery: a double-blind randomized study of bilateral superficial cervical plexus blocks.	2001	Anesthesia And Analgesia	Dieudonne, N; Gomola, A; Bonnichon, P; Ozier, Y M		Y			86
11375838	Intensity of labor pain and cesarean delivery.	2001	Anesthesia And Analgesia	Alexander, J M; Sharma, S K; McIntire, D D; Wiley, J; Leveno, K J		Y			67
11375828	Intravenous administration of propacetamol reduces morphine consumption after spinal fusion surgery.	2001	Anesthesia And Analgesia	Hernandez-Palazon, J; Tortosa, J A; Martinez-Lage, J F; Perez-Flores, D		Y			120
11375827	Oral ibuprofen versus paracetamol plus codeine for analgesia after ambulatory surgery.	2001	Anesthesia And Analgesia	Raeder, J C; Steine, S; Vatsgar, T T					37
11375820	Tunneled epidural catheters for prolonged analgesia in pediatric patients.	2001	Anesthesia And Analgesia	Aram, L; Krane, E J; Kozloski, L J; Yaster, M					53
11374604	Analgesic effect of low-dose intrathecal morphine after spinal fusion in children.	2001	Anesthesiology	Gall, O; Aubineau, J V; Berniere, J; Desjeux, L; Murat, I					89
11374599	Preoperative anxiety and postoperative recovery in women undergoing abdominal hysterectomy.	2001	Anesthesiology	Kain, Z N; Sevarino, F B; Rinder, C; Pincus, S; Alexander, G M; Ivy, M; Heninger, G					35
11371950	Extravesical ureteral reimplantations for the correction of primary reflux can be done as outpatient procedures.	2001	The Journal Of Urology	Marotte, J B; Smith, D P		Y			42
11371866	Update on pain management for advanced genitourinary cancer.	2001	The Journal Of Urology	Harrison, P		Y			8
11371738	Analysis of surgical success in preventing recurrent acute exacerbations in chronic pancreatitis.	2001	Annals Of Surgery	Nealon, W H; Matin, S		Y			51
11369566	Efficacy and safety of nitrous oxide in alleviating pain and anxiety during painful procedures.	2001	Archives Of Disease In Childhood	Kanagasundaram, S A; Lane, L J; Cavalletto, B P; Keneally, J P; Cooper, M G					124
11348910	Randomised crossover trial of transdermal fentanyl and sustained release oral morphine for treating chronic non-cancer pain.	2001	BMJ (Clinical Research Ed.)	Allan, L; Hays, H; Jensen, N H; de Waroux, B L; Bolt, M; Donald, R; Kalso, E					255
11348892	Opioids in chronic non-malignant pain.	2001	BMJ (Clinical Research Ed.)	McQuay, H		Y			10
11342952	A prospective randomized clinical trial to evaluate methods of postoperative care of hypoplasias.	2001	The Journal Of Urology	McLorie, G; Joyner, B; Herz, D; McCallum, J; Bagli, D; Merguerian, P; Khoury, A		Y			32
11296045	Tramadol vs. diclofenac for posttonsillectomy analgesia.	2001	Archives Of Otolaryngology—Head & Neck Surgery	Courtney, M J; Cabral, D		Y			50
11327562	Intrathecal baclofen for spasticity caused by thrombotic stroke.	2001	American Journal Of Physical Medicine & Rehabilitation	Gwartz, B L		Y			6
11296078	Intravenous ketorolac in the emergency department management of sickle cell pain and predictors of its effectiveness.	2001	Archives Of Pediatrics & Adolescent Medicine	Beiter, J L Jr; Simon, H K; Chambliss, C R; Adamkiewicz, T; Sullivan, K		Y			22
11323369	The analgesic efficacy of tramadol is impaired by concurrent administration of ondansetron.	2001	Anesthesia And Analgesia	De Witte, J L; Schoenmaekers, B; Sessler, D I; Deloof, T		Y			97
11323367	The antinociceptive and sedative effects of carbachol and oxydone administered into brainstem pontine reticular formation and spinal subarachnoid space in rats.	2001	Anesthesia And Analgesia	Ma, H C; Dohi, S; Wang, Y F; Ishizawa, Y; Yanagidate, F					18
11323365	Can inflammatory pain prevent the development of acute tolerance to alfentanil?	2001	Anesthesia And Analgesia	Kassin, I; Bright, C A; Bradley, E L Jr		Y			13
11323362	Prolonged epidural infusions of ropivacaine (2 mg/mL) after colonic surgery: the impact of adding fentanyl.	2001	Anesthesia And Analgesia	Finucane, B T; Ganapathy, S; Carli, F; Pridham, J N; Ong, B Y; Shukla, R C; Kristoffersson, A H; Huizar, K M; Nevin, K; Ahlen, K G					49
11323358	A comparison of 0.0625% bupivacaine with fentanyl and 0.1% ropivacaine with fentanyl for continuous epidural labor analgesia.	2001	Anesthesia And Analgesia	Fernandez-Guisasola, J; Serrano, M L; Cobo, B; Munoz, L; Plaza, A; Trigo, C; Del Valle, S G		Y			35

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11323340	The effect of intranasal fentanyl on the emergence characteristics after sevoflurane anesthesia in children undergoing surgery for bilateral myringotomy tube placement.	2001		Anesthesia And Analgesia	Finkel, J C; Cohen, I T; Hannallah, R S; Patel, K M; Kim, M S; Hummer, K A; Choi, S S; Perna, M; Schreiber, S B; Zalzal, G		Y		116
11320200	Pharmacologic treatment of pain in polyneuropathy.	2001		Neurology	Landau, W M		Y		Not found on Microsoft Academic
11315787	A randomized trial of controlled-release oxycodone during inpatient rehabilitation following unilateral total knee arthroplasty.	2001		The Journal Of Bone And Joint Surgery. American Volume	Cheville, A; Chen, A; Oster, G; McGarry, L; Narcessian, E		Y		69
11310648	Diagnosis and initial management of kidney stones.	2001		American Family Physician	Portis, A J; Sundaram, C P		Y		62
11298617	Single-blind randomized clinical trial of laparoscopic versus open appendectomy in children.	2001		The British Journal Of Surgery	Lintula, H; Kokki, H; Vanamo, K		Y		109
11294404	Comparison of pulmonary function and postoperative pain after laparoscopic versus open gastric bypass: a randomized trial.	2001		Journal Of The American College Of Surgeons	Nguyen, N T; Lee, S L; Goldman, C; Fleming, N; Arango, A; McFall, R; Wolfe, B M				226
11290647	Postherpetic neuralgia. Treatment with amitriptyline is cheaper than with aciclovir.	2001		BMJ (Clinical Research Ed.)	Marshall, T		Y		Not found on Microsoft Academic
11284872	Simultaneous infusions of parenteral opioids with epidural local anaesthetics.	2001		Anaesthesia	Cohen, R J		Y		0
11284826	Patient-controlled analgesia and postoperative nausea and vomiting: efficacy of a continuous infusion of ondansetron.	2001		Anaesthesia	White, L A; Vanarase, M; Brockbank, K; Barrett, R F		Y		30
11284814	Comparison of sevoflurane-nitrous oxide anaesthesia with the conventional intravenous-inhalational technique using bispectral index monitoring.	2001		Anaesthesia	Shah, M K; Tan, H M; Wong, K				2
11275838	Sympathetic dystrophy.	2001		Annals Of Emergency Medicine	Geiderman, J M		Y		Not found on Microsoft Academic
11273950	Intravenous ketoprofen in thyroid and parathyroid surgery.	2001		Anesthesia And Analgesia	Basto, E R; Wainrop, C; Mourey, F D; Landru, J P; Eurin, B G; Jacob, L P		Y		50
11273944	A comparison of ropivacaine with fentanyl to bupivacaine with fentanyl for postoperative patient-controlled epidural analgesia.	2001		Anesthesia And Analgesia	Hodgson, P S; Liu, S S				27
11273943	The clinical use of small-dose tetracaine spinal anesthesia for transurethral prostatectomy.	2001		Anesthesia And Analgesia	Chen, T Y; Tseng, C C; Wang, L K; Tsai, T Y; Chen, B S; Chang, C L		Y		7
11273941	The effect of intravenous ketorolac on opioid requirement and pain after cesarean delivery.	2001		Anesthesia And Analgesia	Pavy, T J; Paech, M J; Evans, S F		Y		38
11273927	The preemptive analgesic effect of intraarticular bupivacaine and morphine after ambulatory arthroscopic knee surgery.	2001		Anesthesia And Analgesia	Reuben, S S; Sklar, J; El-Mansouri, M		Y		59
11273923	Prophylactically-administered rectal acetaminophen does not reduce postoperative opioid requirements in infants and small children undergoing elective cleft palate repair.	2001		Anesthesia And Analgesia	Bremerich, D H; Neidhart, G; Heimann, K; Kessler, P; Behne, M		Y		59
11265360	Postherpetic pain control with concomitant illness?	2001		Postgraduate Medicine	Belgrade, M		Y		0
11261863	Pharmacotherapy for nonmalignant pain.	2001		American Family Physician	Barkin, R L		Y		3
11260098	Randomized clinical trial of local bupivacaine perfusion versus parenteral morphine infusion for pain relief after laparotomy.	2001		The British Journal Of Surgery	Cheong, W K; Seow-Choen, F; Eu, K W; Tang, C L; Heah, S M		Y		93
11258206	Patient-controlled analgesia.	2001		CMAJ : Canadian Medical Association Journal (Journal De L'Association Medcale Canadienne)	Doyle, D J; Vicente, K J		Y		11
11244527	Audit of pain management at home following tonsillectomy in children.	2001		The Journal Of Laryngology And Otology	Homer, J J; Swallow, J; Semple, P		Y		35
11239634	Continuous low-level topical heat in the treatment of dysmenorrhea.	2001		Obstetrics And Gynecology	Akin, M D; Weingand, K W; Hengehold, D A; Goodale, M B; Hinkle, R T; Smith, R P		Y		105
11239340	Pain management in cancer rehabilitation.	2001		Archives Of Physical Medicine And Rehabilitation	Cheville, A L		Y		12
11238602	Cutting edge: nociceptin stimulates neutrophil chemotaxis and recruitment: inhibition by aspirin-triggered-15-epi-lipoxin A4.	2001		Journal Of Immunology (Baltimore, Serhan, C N; Fierro, I M; Chiang, N; Pouliot, M Md. : 1950)					96
11233861	Narcotics for chronic nonmalignant pain.	2001		CMAJ : Canadian Medical Association Journal (Journal De L'Association Medcale Canadienne)	Bodley, S C		Y		1
11227231	Dying for relief. When pain relief could result in death.	2001		The American Journal Of Nursing	Cyhan, T		Y		1
11227227	Emergency: Anterior shoulder dislocation.	2001		The American Journal Of Nursing	Urquhart, B S		Y		1
11227223	Hydromorphone.	2001		The American Journal Of Nursing	Pasero, C; McCaffery, M		Y		Not found on Microsoft Academic
11226122	Eliciting paresthesias for peripheral nerve block: a harmful clinical standard?	2001		Anesthesia And Analgesia	Kiefer, R T		Y		1
11226112	Dexamethasone for preventing nausea and vomiting associated with epidural morphine: a dose-ranging study.	2001		Anesthesia And Analgesia	Ho, S T; Wang, J J; Tzeng, J I; Liu, H S; Ger, L P; Liaw, W J		Y		33
11226111	The effect of the preemptive use of the NMDA receptor antagonist dextromethorphan on postoperative analgesic requirements.	2001		Anesthesia And Analgesia	Helmy, S A; Bali, A		Y		57
11226109	The analgesic interaction between intrathecal clonidine and glutamate receptor antagonists on thermal and formalin-induced pain in rats.	2001		Anesthesia And Analgesia	Nishiyama, T; Gyermek, L; Lee, C; Kawasaki-Yatsugi, S; Yamaguchi, T; Hanaoka, K				13

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11226107	A comparison of two constant-dose continuous infusions of remifentanil for severe postoperative pain.	2001	Anesthesia And Analgesia	Calderon, E; Pernia, A; De Antonio, P; Calderon-Pla, E; Torres, L M		Y		24
11226098	The addition of morphine prolongs fentanyl-bupivacaine spinal analgesia for the relief of labor pain.	2001	Anesthesia And Analgesia	Yeh, H M; Chen, L K; Shyu, M K; Lin, C J; Sun, W Z; Wang, M J; Mok, M S; Tsai, S K		Y		37
11226089	Intraarticular sufentanil administration facilitates recovery after day-case knee arthroscopy.	2001	Anesthesia And Analgesia	Vranken, J H; Vissers, K C; de Jongh, R; Heylen, R		Y		17
11224632	Pancreas resection and islet autotransplantation for end-stage chronic pancreatitis.	2001	Annals Of Surgery	White, S A; Davies, J E; Pollard, C; Swift, S M; Clayton, H A; Sutton, C D; Weymss-Holden, S; Musto, P P; Berry, D P; Dennison, A R				57
11219564	Meeting the challenge of chronic pain.	2001	The Journal Of Family Practice	Brody, H		Y		1
11219563	Opioids for chronic nonmalignant pain. Attitudes and practices of primary care physicians in the UCSF/Stanford Collaborative Research Network. University of California, San Francisco.	2001	The Journal Of Family Practice	Potter, M; Schafer, S; Gonzalez-Mendez, E; Gjettema, K; Lopez, A; Wu, J; Pedrin, R; Cozen, M; Wilson, R; Thom, D; Croughan-Minhane, M				114
11214049	Incidence of hematoma associated with ketorolac after TRAM flap breast reconstruction.	2001	Plastic And Reconstructive Surgery	Sharma, S; Chang, D W; Koutz, C; Evans, G R; Robb, G L; Langstein, H N; Kroll, S S		Y		28
11214047	Postoperative morphine requirements of free TRAM and DIEP flaps.	2001	Plastic And Reconstructive Surgery	Kroll, S S; Sharma, S; Koutz, C; Langstein, H N; Evans GRD; Robb, G L; Chang, D W; Reece, G P		Y		114
11211689	Meperidine--a liability.	2001	The American Journal Of Nursing	Waitman, J; McCaffery, M		Y		6
11198258	A fresh look at migraine therapy. New treatments promise improved management.	2001	Postgraduate Medicine	Diamond, S		Y		10
11180040	ADL 8-2698, a trans-3,4-dimethyl-4-(3-hydroxyphenyl) piperidine, prevents gastrointestinal effects of intravenous morphine without affecting analgesia.	2001	Clinical Pharmacology And Therapeutics	Liu, S S; Hodgson, P S; Carpenter, R L; Fricke, J R Jr				96
11179242	Management of the irritable bowel syndrome.	2001	Gastroenterology	Camilleri, M				293
11176095	Low concentrations of halothane increase response to a noxious thermal stimulus and attenuate the antinociceptive effect of intraventricular but not intrathecal morphine.	2001	Anesthesiology	Drasner, K		Y		10
11176086	Subarachnoid sufentanil for early postoperative pain management in orthopedic patients: a placebo-controlled, double-blind study using spinal microcatheters.	2001	Anesthesiology	Standl, T G; Horn, E; Luckmann, M; Burmeister, M; Wilhelm, S; Schulte am Esch, J				23
11176084	Opioids inhibit febrile responses in humans, whereas epidural analgesia does not: an explanation for hyperthermia during epidural analgesia.	2001	Anesthesiology	Negishi, C; Lenhardt, R; Ozaki, M; Ettinger, K; Bastamehr, H; Bjorksten, A R; Sessler, D I		Y		45
11173050	The role of acetaminophen in the management of patients with osteoarthritis.	2001	The American Journal Of Medicine	Shamoon, M; Hochberg, M C		Y		15
11167504	Patient-controlled oramorph--the future?	2001	Anaesthesia	Antrobus, H		Y		3
11167440	Survey of 1057 patients receiving postoperative patient-controlled epidural analgesia.	2001	Anaesthesia	Wigfull, J; Welchew, E		Y		48
11167439	Patient-controlled analgesia and intra-operative suggestion.	2001	Anaesthesia	Dawson, P; Van Hamel, C; Wilkinson, D; Warwick, P; O'Connor, M		Y		7
11167437	High-dose intrathecal diamorphine for analgesia after Caesarean section.	2001	Anaesthesia	Stacey, R; Jones, R; Kar, G; Poon, A		Y		15
11165988	Nonsteroidal anti-inflammatory drugs: overused or underused in osteoarthritis?	2001	The American Journal Of Medicine	Hungin, A P; Kean, W F		Y		38
11159657	Pragmatic randomised controlled trial of two prescribing strategies for childhood acute otitis media.	2001	BMJ (Clinical Research Ed.)	Little, P; Gould, C; Williamson, I; Moore, M; Warner, G; Dunleavy, J				284
11159256	The response of neuropathic pain and pain in complex regional pain syndrome I to carbamazepine and sustained-release morphine in patients pretreated with spinal cord stimulation: a double-blinded randomized study.	2001	Anesthesia And Analgesia	Harke, H; Gretenkort, P; Ladleif, H U; Rahman, S; Harke, O		Y		127
11159249	Large-dose oral dextromethorphan as an adjunct to patient-controlled analgesia with morphine after knee surgery.	2001	Anesthesia And Analgesia	Wadhwa, A; Clarke, D; Goodchild, C S; Young, D		Y		43
11159242	Levobupivacaine for epidural analgesia in labor: the sparing effect of epidural fentanyl.	2001	Anesthesia And Analgesia	Robinson, A P; Lyons, G R; Wilson, R C; Gorton, H J; Columb, M O				43
11159234	The effect of remifentanil on the heat pain threshold in volunteers.	2001	Anesthesia And Analgesia	Gustoff, B; Felleiter, P; Nahlik, G; Brannath, W; Hoerauf, K H; Spacek, A; Kress, H G		Y		40
11159231	The use of esmolol as an alternative to remifentanil during desflurane anesthesia for fast-track outpatient gynecologic laparoscopic surgery.	2001	Anesthesia And Analgesia	Coloma, M; Chiu, J W; White, P F; Armbruster, S C		Y		125
11159230	Postoperative analgesia at home after ambulatory hand surgery: a controlled comparison of tramadol, metamizol, and paracetamol.	2001	Anesthesia And Analgesia	Rawal, N; Alvin, R; Amilon, A; Ohlsson, T; Hallen, J		Y		73
11157525	Multicentre randomised controlled trial of nasal diamorphine for analgesia in children and teenagers with clinical fractures.	2001	BMJ (Clinical Research Ed.)	Kendall, J M; Reeves, B C; Latter, V S				101
11147863	Morphine nerve paste.	2001	Journal Of Neurosurgery	Needham, C W		Y		0
11145766	A randomized clinical trial of continuous-flow nitrous oxide and midazolam for sedation of young children during laceration repair.	2001	Annals Of Emergency Medicine	Luhmann, J D; Kennedy, R M; Porter, F L; Miller, J P; Jaffe, D M		Y		101
11136307	Randomized clinical trial of diathermy versus scalpel incision in elective midline laparotomy.	2001	The British Journal Of Surgery	Kearns, S R; Connolly, E M; McNally, S; McNamara, D A; Deasy, J		Y		85

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11135723	Pharmacodynamics of orally administered sustained-release hydromorphone in humans.	2001		Anesthesiology	Angst, M S; Dровер, D R; Lotsch, J; Ramaswamy, B; Naidu, S; Wada, D R; Stanski, D R; Palmer, C M			Y	81
1113636	Continuous intrathecal sufentanil for postoperative analgesia.	2001		Anesthesia And Analgesia				Y	6
1113635	The combined effects of N-type calcium channel blockers and morphine on A delta versus C fiber mediated nociception.	2001		Anesthesia And Analgesia	Pirec, V; Laurito, C E; Lu, Y; Yeomans, D C		Y		Not found on Microsoft Academic
1113632	A prospective survey of patients after cessation of patient-controlled analgesia.	2001		Anesthesia And Analgesia	Chen, P P; Chui, P T; Ma, M; Gin, T			Y	28
1113627	Clonidine combined with a long acting local anesthetic does not prolong postoperative analgesia after brachial plexus block but does induce hemodynamic changes.	2001		Anesthesia And Analgesia	Culebras, X; Van Gessel, E; Hoffmeyer, P; Gamulin, Z		Y		93
1113625	Bupivacaine wound instillation via an electronic patient-controlled analgesia device and a double-catheter system does not decrease postoperative pain or opioid requirements after major abdominal surgery.	2001		Anesthesia And Analgesia	Fredman, B; Zohar, E; Tarabykin, A; Shapiro, A; Mayo, A; Klein, E; Jedeikin, R			Y	85
1113624	The dose-range effects of sufentanil added to 0.125% bupivacaine on the quality of patient-controlled epidural analgesia during labor.	2001		Anesthesia And Analgesia	Bernard, J M; Le Roux, D; Barthe, A; Jourdain, O; Vizquel, L; Michel, C			Y	24
1113623	The analgesic effect of sufentanil combined with ropivacaine 0.2% for labor analgesia: a comparison of three sufentanil doses.	2001		Anesthesia And Analgesia	Debon, R; Allaouchiche, B; Duflo, F; Boselli, E; Chassard, D				17
1113606	Dexamethasone facilitates discharge after outpatient anorectal surgery.	2001		Anesthesia And Analgesia	Coloma, M; Duffy, L L; White, P F; Kendall Tongier, W; Huber, P J Jr				89
1113605	Remifentanil versus meperidine for monitored anesthesia care: a comparison study in older patients undergoing ambulatory colonoscopy.	2001		Anesthesia And Analgesia	Greilich, P E; Virella, C D; Rich, J M; Kurada, M; Roberts, K; Warren, J F; Harford, W V				32
1113600	A comparison of oral clonidine and oral midazolam as preanesthetic medications in the pediatric tonsillectomy patient.	2001		Anesthesia And Analgesia	Fazi, L; Jantzen, E C; Rose, J B; Kurth, C D; Watcha, M F			Y	77
1113596	A randomized, double-blinded comparison of intrathecal morphine, sufentanil and their combination versus IV morphine patient-controlled analgesia for postthoracotomy pain.	2001		Anesthesia And Analgesia	Liu, N; Kuhlman, G; Dalibon, N; Moutafis, M; Levron, J C; Fischler, M			Y	52
11135717	Effect of remifentanil on pain and secondary hyperalgesia associated with the heat-capsaicin sensitization model in healthy volunteers.	2001		Anesthesiology	Petersen, K L; Jones, B; Segredo, V; Dahl, J B; Rowbotham, M C				122
11125382	The use of bisphosphonate for the palliative treatment of painful bone metastasis due to hormone refractory prostate cancer.	2001		The Journal Of Urology	Heidenreich, A; Hofmann, R; Engelmann, U H			Y	105

Source: Microsoft Academic; PubMed; TEVA\_MDL\_A\_00763974; TEVA\_MDL\_A\_03413816; TEVA\_MDL\_A\_03413817; TEVA\_MDL\_A\_04313917

Note:

- [1] An article is considered to be sponsored by the Teva Defendants if at least one author of the article received a payment from the Teva Defendants prior to the publication date of the article. The Teva Defendants' healthcare provider payments data are available starting in 2001. None of the healthcare providers who received payments between 2001 and 2003 appeared as authors for academic articles on opioids for treating pain during that period. Therefore, no articles are identified as sponsored by the Teva Defendants until 2004.
- [2] An article is considered to be sponsored only by the U.S. government if PubMed categorized the article as being sponsored by the U.S. government and no other non-U.S. government entities. Articles that are also sponsored by the Teva Defendants are excluded from this category.
- [3] An article is considered to have no sponsorship if PubMed did not have any sponsorship information available. Articles that are also sponsored by the Teva Defendants are excluded from this category.
- [4] Citation counts were obtained from Microsoft Academic on April 29, 2019.